

MACHINE SCREW, NUT, WASHER AND WOOD SCREW ASSORTMENTS

AETNA

An assortment for electrical, radio, furniture, auto, and general repairs and maintenance shops.



Per Asst.
F3023F (250) X6D00

In heavy cardboard box 8x6x1 1/4 inches
Wt. 5 lbs.

Assortment Contains
1000 Pieces—130 Varieties
(5 to 30 Pieces each size)

Bright finish machine screws—Round, Flat Oval heads.

Screw lengths: 1/4 to 1 1/2 inches.

Screw sizes: 2/56, 3/48, 4/36, 6/32, 8/32, 10/32, 10/24, 12/24, and 1/4/20.

Hexagon machine screw nuts.

Flat washers.

STOVE BOLT ASSORTMENTS



A splendid assortment of proportionate quantities of fast selling staple sizes.

Assortment consists of 100 stove bolts and nuts, 10 of each of the head styles and sizes listed below.

Flat Head—3/4x3/16, 1x3/16, 3/4x1/4, 1x1/4.

Round Head—1/2x3/16, 3/4x3/16, 1x3/16, 3/4x1/4, 1x1/4, 1 1/4x1/4.

In Glass Jar with Screw Cap

Per Ctn. Per Asst.
O-SG6-F X10D80★..... \$1.40

Wt. asst. 1 3/4 lbs. Twelve jars in ctn

Sold Only in Full Cartons

STOVE BOLT ASSORTMENTS



An ideal assortment of fast selling staple sizes. Round head bolts with nuts, smoothly finished and plated.

Consists of:

Quantity	Size	Quantity	Size
20	3/4x3/16	10	3/4x1/4
15	1x3/16	10	1x1/4
15	1 1/4x3/16	10	1 1/4x1/4

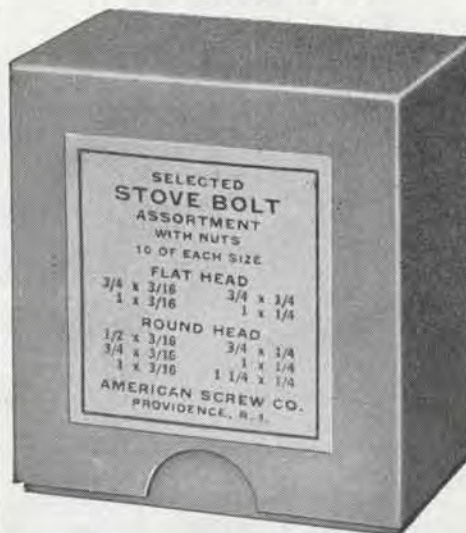
Neatly put up in a clear glass jar, each size in a separate partition. Screw top lid.

Per Ctn. (12 Asst.) Per Asst.
O-4-F X10D20..... \$1.35

Wt. asst. 2 lbs.
Twelve assts. in ctn.

Sold Only in Full Cartons

STOVE BOLT ASSORTMENTS



A splendid assortment of proportionate quantities of fast selling staple sizes.

Assortment consists of 100 stove bolts and nuts—10 of each of the head styles and sizes listed below:

Flat Head—3/4x3/16, 1x3/16, 3/4x1/4, 1x1/4.

Round Head—1/2x3/16, 3/4x3/16, 1x3/16, 3/4x1/4, 1x1/4, 1 1/4x1/4.

Per Asst. Per Asst.
M12F (SB6) D8C5..... \$1.35

Wt. asst. 1 3/4 lbs.
Each asst. in attractive pkg.

STOVE BOLT CHESTS

LAMSON



All steel cabinet with 9 large drawers with adjustable dividers. Cards on drawer fronts show sizes and retail prices. Size 12x10x28 inches.

Consists of standard packages of 100 bolts as follows:

ROUND HEAD

No. Bolts	Size, in.	No. Bolts	Size, in.
100.....	1/8x 1/4	100.....	3/16x3
100.....	1/8x1 3/4	100.....	1/4x 1/2
100.....	1/8x1	100.....	1/4x 5/8
100.....	5/32x1 1/2	200.....	1/4x 3/4
100.....	5/32x 3/4	200.....	1/4x1
100.....	5/32x1	200.....	1/4x1 1/4
200.....	3/16x 1/2	100.....	1/4x1 1/2
100.....	3/16x 5/8	100.....	1/4x1 3/4
200.....	3/16x 3/4	100.....	1/4x2
200.....	3/16x1	100.....	1/4x2 1/2
100.....	3/16x1 1/4	100.....	1/4x3
100.....	3/16x1 1/2	100.....	5/16x1
100.....	3/16x2	100.....	5/16x1 1/2
100.....	3/16x2 1/2	100.....	5/16x2

FLAT HEAD

100.....	3/16x 1/2	100.....	1/4x 3/4
100.....	3/16x 3/4	100.....	1/4x1
100.....	3/16x1	100.....	1/4x1 3/4
100.....	3/16x1 1/4	100.....	1/4x1 1/2
100.....	3/16x1 1/2	100.....	1/4x2
100.....	3/16x2	100.....	1/4x2 1/2
100.....	3/16x2 1/2	100.....	1/4x3

Complete Stove Bolt Assortment
42 Size—4800 Bolts—48 Packages

Per Asst. Per Asst.
O-60-F X77D45
Wt. each 152 lbs.
One in ctn.

NOTE—Container Quantities Subject to Slight Variation
STAR ★ DENOTES BEST SELLER

STOVE BOLTS

IN ORDERING, GIVE DIAMETER FIRST

Flat head stove bolts, measure length over-all. Round head, measure from under head. Stove bolts 2 inches and smaller are threaded to the head. Longer bolts are threaded 1 1/4 inches.

Flat Head

List per 100

Round Head

Flat Head

M9F—Less than case lots

O-M9F—Case lots

Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100	Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100	Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100
1/8	x 1/2	D5C8	D5C2	40	1000	3/8	\$0.80	3/16	x 1 3/4	X1D17	X1D07	24	100	1 1/2	\$1.65	1/4	x 3 1/2	X2D67	X2D40	20	100	5 1/8	\$3.65
1/8	x 3/4	D6C1	D5C5	40	1000	7/16	.85	3/16	x 2	X1D26★	X1D13★	24	100	1 5/8	1.75	1/4	x 4	X2D83	X2D55	20	100	5 3/4	3.90
1/8	x 1	D6C2	D5C6	40	1000	1/2	.85	3/16	x 2 1/4	X1D41	X1D27	24	100	1 3/4	1.95	One hundred in box							
1/8	x 1 1/4	D8C5	D7C7	40	1000	3/4	1.15	3/16	x 2 1/2	X1D56	X1D41	24	100	2 1/8	2.15	1/4	x 6	X1D77	X1D59	20	100	7 1/2	4.90
1/8	x 1 1/2	D9C8	D8C8	40	1000	1	1.35	3/16	x 3	X1D83	X1D64	24	100	2 1/2	2.50	Fifty in box							
5/32	x 1/2	D6C3	D5C7	32	1000	7/16	.90	1/4	x 1/2	X1D11	X1D00	20	1000	1 1/4	1.55	5/16	x 3/4	X2D08	X1D87	18	100	2 1/8	2.85
5/32	x 3/4	D7C0	D6C3	32	1000	3/4	.95	1/4	x 3/4	X1D22	X1D10	20	100	1 1/2	1.65	5/16	x 1	X2D20	X1D98	18	100	2 1/2	3.00
5/32	x 1	D7C2	D6C5	32	1000	5/8	1.00	1/4	x 1	X1D29★	X1D16★	20	100	1 3/4	1.80	5/16	x 1 1/4	X2D45	X2D20	18	100	3	3.30
5/32	x 1 1/4	D8C1	D7C3	32	1000	3/4	1.10	1/4	x 1 1/4	X1D41★	X1D27★	20	100	2 1/16	1.95	5/16	x 1 1/2	X2D57	X2D31	18	100	3 5/8	3.50
5/32	x 1 1/2	X1D01	D9C1	32	1000	1	1.40	1/4	x 1 1/2	X1D53★	X1D38★	20	100	2 3/8	2.20	5/16	x 2	X2D83	X2D55	18	100	4 3/4	3.90
5/32	x 2	X1D10	D9C9	32	100	1 1/4	1.50	1/4	x 1 3/4	X2D00	X1D50	20	100	2 1/2	2.30	One hundred in box							
3/16	x 1/2	D7C1★	D6C4★	24	1000	7/16	1.10	1/4	x 2	X1D75★	X1D57★	20	100	2 3/4	2.40	5/16	x 2 1/2	X1D59	X1D42	18	100	5 5/8	4.35
3/16	x 3/4	D7C5★	D6C8★	24	1000	3/4	1.10	1/4	x 2 1/4	X1D99	X1D79	20	100	3 1/2	2.60	5/16	x 3	X1D81	X1D63	18	100	7 1/4	4.95
3/16	x 1	D8C3★	D7C5★	24	1000	7/8	1.15	1/4	x 2 1/2	X2D11	X1D90	20	100	3 3/4	2.90	3/8	x 3/4	X1D46	X1D31	16	100	3 1/8	4.00
3/16	x 1 1/4	D9C1★	D8C2★	24	1000	1 1/8	1.25	1/4	x 3	X2D31	X2D08	20	100	4 1/2	3.15	3/8	x 1	X1D55	X1D40	16	100	3 3/4	4.25
3/16	x 1 1/2	X1D00★	D9C0★	24	1000	1 3/8	1.45	1/4	x 3	X2D31	X2D08	20	100	4 1/2	3.15	3/8	x 1 1/2	X1D75	X1D57	16	100	5	4.80
One hundred in box								One hundred in box								3/8	x 2	X1D95	X1D76	16	100	6 1/4	5.35
																Fifty in box							

Round Head

M6F—Less than case lots

O-M6F—Case lots

Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100	Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100	Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100
1/8	x 1/2	D5C8★	D5C2★	40	1000	3/8	\$0.80	3/16	x 1	D8C4★	D7C5★	24	1000	7/8	\$1.15	1/4	x 2 1/4	X1D99	X1D79	20	100	3 1/2	\$2.70
1/8	x 3/4	D6C0★	D5C4★	40	1000	7/16	.85	3/16	x 1 1/4	D9C1★	D8C2★	24	1000	1 1/8	1.25	1/4	x 2 1/2	X2D11	X1D90	20	100	3 3/4	2.90
1/8	x 1	D6C2★	D5C6★	40	1000	1/2	.85	3/16	x 1 1/2	X1D00★	D9C0★	24	1000	1 3/8	1.35	1/4	x 3	X2D31	X2D08	20	100	4 1/2	3.15
1/8	x 1 1/4	D8C7	D7C8	40	1000	1/2	1.15	3/16	x 1 3/4	X1D18	X1D06	24	100	1 1/2	1.65	1/4	x 3 1/2	X2D67	X2D40	20	100	5 1/8	3.65
1/8	x 1 1/2	D9C8	D8C8	40	1000	1	1.35	3/16	x 2	X1D25★	X1D13★	24	100	1 5/8	1.75	1/4	x 4	X2D85	X2D56	20	100	6 3/4	3.90
1/8	x 2	X1D05	D9C5	40	1000	1 1/4	1.45	3/16	x 2 1/4	X1D41	X1D27	24	100	1 3/4	1.95	One hundred in box							
5/32	x 1/2	D6C3★	D5C7★	32	1000	7/16	.90	3/16	x 2 1/2	X1D57	X1D41	24	100	2 3/8	2.15	1/4	x 6	X1D77	X1D59	20	100	7 1/2	4.90
5/32	x 3/4	D7C0	D6C3	32	1000	1/2	.95	3/16	x 3	X1D83	X1D64	24	100	2 1/2	2.50	Fifty in box							
5/32	x 1	D7C2	D6C5	32	1000	5/8	1.00	3/16	x 4	X2D05	X1D85	24	100	3 3/8	2.80	5/16	x 3/4	X2D08	X1D87	18	100	2 1/8	2.85
5/32	x 1 1/4	D8C2	D7C4	32	1000	1/2	1.10	3/16	x 4 1/2	X2D17	X1D95	24	100	3 3/2	2.95	5/16	x 1	X2D19	X1D97	18	100	2 1/2	2.00
5/32	x 1 1/2	X1D01	D9C1	32	1000	1	1.35	1/4	x 1/2	X1D11★	X1D00★	20	1000	1 1/4	1.55	5/16	x 1 1/4	X2D43	X2D19	18	100	3	3.30
5/32	x 2	X1D10	D9C9	32	100	1 1/4	1.50	1/4	x 3/8	X1D17	X1D05	20	1000	1 3/8	1.60	5/16	x 1 1/2	X2D57	X2D31	18	100	3 5/8	3.50
3/16	x 1/2	D7C1★	D6C4★	24	1000	7/16	1.00	1/4	x 3/4	X1D21★	X1D09★	20	100	1 1/2	1.65	5/16	x 2	X2D83	X2D55	18	100	4 3/4	3.90
3/16	x 3/4	D7C5	D6C7	24	1000	5/8	1.10	1/4	x 1	X1D29★	X1D16★	20	100	1 3/4	1.80	One hundred in box							
3/16	x 3/4	D7C7★	D6C8★	24	1000	3/4	1.05	1/4	x 1 1/4	X1D42	X1D27	20	100	2 1/16	1.95	5/16	x 2 1/2	X1D59	X1D43	18	100	5 5/8	4.35
One hundred in box								1/4	x 1 1/2	X1D52★	X1D37★	20	100	2 3/8	2.10	5/16	x 3	X1D81	X1D63	18	100	7 1/4	4.95
								1/4	x 1 3/4	X1D67	X1D50	20	100	2 1/2	2.30	3/8	x 1	X1D56	X1D40	16	100	3 3/4	4.25
								1/4	x 2	X1D75	X1D57	20	100	2 3/4	2.40	3/8	x 1 1/2	X1D75	X1D57	16	100	5	4.80
								One hundred in box								3/8	x 2	X1D95	X1D76	16	100	6 1/4	5.35
																Fifty in box							

DIRECT SHIPMENT

Sizes not carried in stock. Can only be furnished by shipping direct from factory.

Quantity price prevails on orders for one size or assorted sizes

STAR ★ DENOTES BEST SELLER

MACHINE SCREW, NUT, WASHER AND WOOD SCREW ASSORTMENTS

AETNA

An assortment for electrical, radio, furniture, auto, and general repairs and maintenance shops.



Per Asst.

F3023F (250) X6D00

In heavy cardboard box 8x6x1 1/4 inches
Wt. 5 lbs.

Assortment Contains
1000 Pieces—130 Varieties
(5 to 30 Pieces each size)

Bright finish machine screws—Round, Flat Oval heads.

Screw lengths: 1/4 to 1 1/2 inches.

Screw sizes: 2/56, 3/48, 4/36, 6/32, 8/32, 10/32, 10/24, 12/24, and 1/4/20.

Hexagon machine screw nuts.

Flat washers.

STOVE BOLT ASSORTMENTS



A splendid assortment of proportionate quantities of fast selling staple sizes.

Assortment consists of 100 stove bolts and nuts, 10 of each of the head styles and sizes listed below.

Flat Head—3/4x3/16, 1x3/16, 3/4x1/4, 1x1/4.

Round Head—1/2x3/16, 3/4x3/16, 1x3/16, 3/4x1/4, 1x1/4, 1 1/4x1/4.

In Glass Jar with Screw Cap

Per Ctn.

O-SG6-F X10D80★..... \$1.40

Wt. asst. 1 3/4 lbs. Twelve jars in ctn

Sold Only in Full Cartons

STOVE BOLT ASSORTMENTS



An ideal assortment of fast selling staple sizes. Round head bolts with nuts, smoothly finished and plated.

Consists of:

Quantity	Size	Quantity	Size
20	3/4x3/16	10	3/4x1/4
15	1x3/16	10	1x1/4
15	1 1/4x3/16	10	1 1/4x1/4

Neatly put up in a clear glass jar, each size in a separate partition. Screw top lid.

Per Ctn.
(12 Asst.)

Per Asst.

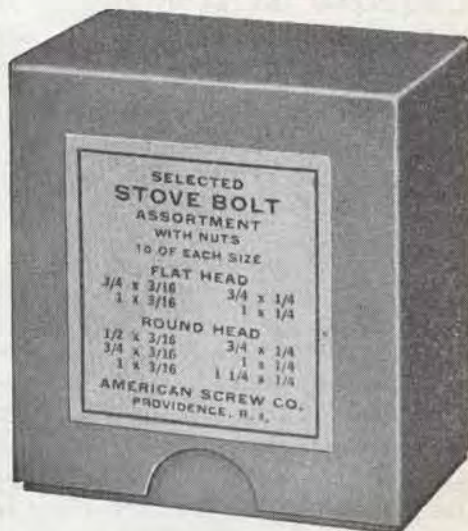
O-4-F X10D20..... \$1.35

Wt. asst. 2 lbs.

Twelve assts. in ctn.

Sold Only in Full Cartons

STOVE BOLT ASSORTMENTS



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Assortment consists of 100 stove bolts and nuts—10 of each of the head styles and sizes listed below:

Flat Head—3/4x3/16, 1x3/16, 3/4x1/4, 1x1/4.

Round Head—1/2x3/16, 3/4x3/16, 1x3/16, 3/4x1/4, 1x1/4, 1 1/4x1/4.

Per Asst.

M12F (SB6) D8C5..... \$1.35

Wt. asst. 1 3/4 lbs.

Each asst. in attractive pkg.

NOTE—Container Quantities Subject to Slight Variation

STAR ★ DENOTES BEST SELLER

STOVE BOLTS

IN ORDERING, GIVE DIAMETER FIRST

Flat head stove bolts, measure length over-all. Round head, measure from under head. Stove bolts 2 inches and smaller are threaded to the head. Longer bolts are threaded $1\frac{1}{4}$ inches.



Flat Head



Round Head

List per 100

Flat Head
M9F—Less than case lots
O-M9F—Case lots

Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100
$\frac{1}{8}$ x $\frac{1}{2}$	D5C8	D5C2	40 1000	$\frac{3}{8}$		\$0.80	
$\frac{1}{8}$ x $\frac{3}{4}$	D6C1	D5C5	40 1000	$\frac{7}{16}$		.85	
$\frac{1}{8}$ x 1	D6C2	D5C6	40 1000	$\frac{1}{2}$		.85	
$\frac{1}{8}$ x $1\frac{1}{4}$	D8C5	D7C7	40 1000	$\frac{3}{4}$		1.15	
$\frac{1}{8}$ x $1\frac{1}{2}$	D9C8	D8C8	40 1000	1		1.35	
$\frac{5}{32}$ x $\frac{1}{2}$	D6C3	D5C7	32 1000	$\frac{7}{16}$		.90	
$\frac{5}{32}$ x $\frac{3}{4}$	D7C0	D6C3	32 1000	$\frac{3}{4}$		.95	
$\frac{5}{32}$ x 1	D7C2	D6C5	32 1000	$\frac{5}{8}$		1.00	
$\frac{5}{32}$ x $1\frac{1}{4}$	D8C1	D7C3	32 1000	$\frac{3}{4}$		1.10	
$\frac{5}{32}$ x $1\frac{1}{2}$	X1D01	D9C1	32 1000	1		1.40	
$\frac{5}{32}$ x 2	X1D10	D9C9	32 100	$1\frac{1}{4}$		1.50	
$\frac{3}{16}$ x $\frac{1}{2}$	D7C1★	D6C4★	24 1000	$\frac{7}{16}$		1.10	
$\frac{3}{16}$ x $\frac{3}{4}$	D7C5★	D6C8★	24 1000	$\frac{3}{4}$		1.10	
$\frac{3}{16}$ x 1	D8C3★	D7C5★	24 1000	$\frac{7}{8}$		1.15	
$\frac{3}{16}$ x $1\frac{1}{4}$	D9C1★	D8C2★	24 1000	$1\frac{1}{8}$		1.25	
$\frac{3}{16}$ x $1\frac{1}{2}$	X1D00★	D9C0★	24 1000	$1\frac{3}{8}$		1.45	

One hundred in box

Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100
$\frac{3}{16}$ x $1\frac{3}{4}$	X1D17	X1D07	24 100	$1\frac{1}{2}$		\$1.65	
$\frac{3}{16}$ x 2	X1D26★	X1D13★	24 100	$1\frac{5}{8}$		1.75	
$\frac{3}{16}$ x $2\frac{1}{4}$	X1D41	X1D27	24 100	$1\frac{3}{4}$		1.95	
$\frac{3}{16}$ x $2\frac{1}{2}$	X1D56	X1D41	24 100	$2\frac{1}{8}$		2.15	
$\frac{3}{16}$ x 3	X1D83	X1D64	24 100	$2\frac{1}{2}$		2.50	
$\frac{1}{4}$ x $\frac{1}{2}$	X1D11	X1D00	20 1000	$1\frac{1}{4}$		1.55	
$\frac{1}{4}$ x $\frac{3}{4}$	X1D22	X1D10	20 100	$1\frac{1}{2}$		1.65	
$\frac{1}{4}$ x 1	X1D29★	X1D16★	20 100	$1\frac{3}{4}$		1.80	
$\frac{1}{4}$ x $1\frac{1}{4}$	X1D41★	X1D27★	20 100	$2\frac{1}{16}$		1.95	
$\frac{1}{4}$ x $1\frac{1}{2}$	X1D53★	X1D38★	20 100	$2\frac{1}{8}$		2.20	
$\frac{1}{4}$ x $1\frac{3}{4}$	X1D65	X1D50	20 100	$2\frac{1}{2}$		2.30	
$\frac{1}{4}$ x 2	X1D75★	X1D57★	20 100	$2\frac{3}{4}$		2.40	
$\frac{1}{4}$ x $2\frac{1}{4}$	X1D99	X1D79	20 100	$3\frac{1}{2}$		2.60	
$\frac{1}{4}$ x $2\frac{1}{2}$	X2D11	X1D90	20 100	$3\frac{3}{4}$		2.90	
$\frac{1}{4}$ x 3	X2D31	X2D08	20 100	$4\frac{1}{2}$		3.15	

One hundred in box

Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100
$\frac{1}{4}$ x $3\frac{1}{2}$	X2D67	X2D40	20 100	$5\frac{1}{8}$		\$3.65	
$\frac{1}{4}$ x 4	X2D83	X2D55	20 100	$5\frac{3}{4}$		3.90	
One hundred in box							
$\frac{1}{4}$ x 6	X1D77	X1D59	20 100	$7\frac{1}{2}$		4.90	
Fifty in box							
$\frac{5}{16}$ x $\frac{3}{4}$	X2D08	X1D87	18 100	$2\frac{1}{8}$		2.85	
$\frac{5}{16}$ x 1	X2D20	X1D98	18 100	$2\frac{1}{2}$		3.00	
$\frac{5}{16}$ x $1\frac{1}{4}$	X2D45	X2D20	18 100	3		3.30	
$\frac{5}{16}$ x $1\frac{1}{2}$	X2D57	X2D31	18 100	$3\frac{5}{8}$		3.50	
$\frac{5}{16}$ x 2	X2D83	X2D55	18 100	$4\frac{3}{4}$		3.90	
One hundred in box							
$\frac{5}{16}$ x $2\frac{1}{2}$	X1D59	X1D42	18 100	$5\frac{5}{8}$		4.35	
$\frac{5}{16}$ x 3	X1D81	X1D63	18 100	$7\frac{1}{4}$		4.95	
$\frac{3}{8}$ x $\frac{3}{4}$	X1D46	X1D31	16 100	$3\frac{1}{8}$		4.00	
$\frac{3}{8}$ x 1	X1D55	X1D40	16 100	$3\frac{3}{4}$		4.25	
$\frac{3}{8}$ x $1\frac{1}{2}$	X1D75	X1D57	16 100	5		4.80	
$\frac{3}{8}$ x 2	X1D95	X1D76	16 100	$6\frac{1}{4}$		5.35	

Fifty in box

Round Head

M6F—Less than case lots
O-M6F—Case lots

Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100
$\frac{1}{8}$ x $\frac{1}{2}$	D5C8★	D5C2★	40 1000	$\frac{3}{8}$		\$0.80	
$\frac{1}{8}$ x $\frac{3}{4}$	D6C0★	D5C4★	40 1000	$\frac{7}{16}$		.85	
$\frac{1}{8}$ x 1	D6C2★	D5C6★	40 1000	$\frac{1}{2}$		.85	
$\frac{1}{8}$ x $1\frac{1}{4}$	D8C7	D7C8	40 1000	$\frac{3}{4}$		1.15	
$\frac{1}{8}$ x $1\frac{1}{2}$	D9C8	D8C8	40 1000	1		1.35	
$\frac{1}{8}$ x 2	X1D05	D9C5	40 1000	$1\frac{1}{4}$		1.45	
$\frac{5}{32}$ x $\frac{1}{2}$	D6C3★	D5C7★	32 1000	$\frac{7}{16}$		.90	
$\frac{5}{32}$ x $\frac{3}{4}$	D7C0	D6C3	32 1000	$\frac{1}{2}$		.95	
$\frac{5}{32}$ x 1	D7C2	D6C5	32 1000	$\frac{5}{8}$		1.00	
$\frac{5}{32}$ x $1\frac{1}{4}$	D8C2	D7C4	32 1000	$\frac{1}{2}$		1.10	
$\frac{5}{32}$ x $1\frac{1}{2}$	X1D01	D9C1	32 1000	1		1.35	
$\frac{5}{32}$ x 2	X1D10	D9C9	32 100	$1\frac{1}{4}$		1.50	
$\frac{3}{16}$ x $\frac{1}{2}$	D7C1★	D6C4★	24 1000	$\frac{7}{16}$		1.00	
$\frac{3}{16}$ x $\frac{3}{8}$	D7C5	D6C7	24 1000	$\frac{5}{8}$		1.10	
$\frac{3}{16}$ x $\frac{3}{4}$	D7C7★	D6C8★	24 1000	$\frac{3}{4}$		1.05	

One hundred in box

Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100
$\frac{3}{16}$ x 1	D8C4★	D7C5★	24 1000	$\frac{7}{8}$		\$1.15	
$\frac{3}{16}$ x $1\frac{1}{4}$	D9C1★	D8C2★	24 1000	$1\frac{1}{8}$		1.25	
$\frac{3}{16}$ x $1\frac{1}{2}$	X1D00★	D9C0★	24 1000	$1\frac{3}{8}$		1.35	
$\frac{3}{16}$ x $1\frac{3}{4}$	X1D18	X1D06	24 100	$1\frac{1}{2}$		1.65	
$\frac{3}{16}$ x 2	X1D25★	X1D13★	24 100	$1\frac{5}{8}$		1.75	
$\frac{3}{16}$ x $2\frac{1}{4}$	X1D41	X1D27	24 100	$1\frac{3}{4}$		1.95	
$\frac{3}{16}$ x $2\frac{1}{2}$	X1D57	X1D41	24 100	$2\frac{1}{8}$		2.15	
$\frac{3}{16}$ x 3	X1D83	X1D64	24 100	$2\frac{1}{2}$		2.50	
$\frac{3}{16}$ x 4	X2D05	X1D85	24 100	$3\frac{1}{8}$		2.80	
$\frac{3}{16}$ x $4\frac{1}{2}$	X2D17	X1D95	24 100	$3\frac{1}{2}$		2.95	
$\frac{1}{4}$ x $\frac{1}{2}$	X1D11★	X1D00★	20 1000	$1\frac{1}{4}$		1.55	
$\frac{1}{4}$ x $\frac{3}{8}$	X1D17	X1D05	20 1000	$1\frac{3}{8}$		1.60	
$\frac{1}{4}$ x $\frac{3}{4}$	X1D21★	X1D09★	20 100	$1\frac{1}{2}$		1.65	
$\frac{1}{4}$ x 1	X1D29★	X1D16★	20 100	$1\frac{3}{4}$		1.80	
$\frac{1}{4}$ x $1\frac{1}{4}$	X1D42	X1D27	20 100	$2\frac{1}{16}$		1.95	
$\frac{1}{4}$ x $1\frac{1}{2}$	X1D52★	X1D37★	20 100	$2\frac{1}{8}$		2.10	
$\frac{1}{4}$ x $1\frac{3}{4}$	X1D67	X1D50	20 100	$2\frac{1}{2}$		2.30	
$\frac{1}{4}$ x 2	X1D75	X1D57	20 100	$2\frac{3}{4}$		2.40	

One hundred in box

Diam., ins.	Length, ins.	1 to 10 Boxes per Box	10 Boxes or more per Box	Thds. per inch	Qty. in case	Wt. Box, lbs.	▲ Per 100
$\frac{1}{4}$ x $2\frac{1}{4}$	X1D99	X1D79	20 100	$3\frac{1}{2}$		\$2.70	
$\frac{1}{4}$ x $2\frac{1}{2}$	X2D11	X1D90	20 100	$3\frac{3}{4}$		2.90	
$\frac{1}{4}$ x 3	X2D31	X2D08	20 100	$4\frac{1}{2}$		3.15	
$\frac{1}{4}$ x $3\frac{1}{2}$	X2D67	X2D40	20 100	$5\frac{1}{8}$		3.65	
$\frac{1}{4}$ x 4	X2D85	X2D56	20 100	$6\frac{3}{4}$		3.90	
One hundred in box							
$\frac{1}{4}$ x 6	X1D77	X1D59	20 100	$7\frac{1}{2}$		4.90	
Fifty in box							
$\frac{5}{16}$ x $\frac{3}{4}$	X2D08	X1D87	18 100	$2\frac{1}{8}$		2.85	
$\frac{5}{16}$ x 1	X2D19	X1D97	18 100	$2\frac{1}{2}$		2.00	
$\frac{5}{16}$ x $1\frac{1}{4}$	X2D43	X2D19	18 100	3		3.30	
$\frac{5}{16}$ x $1\frac{1}{2}$	X2D57	X2D31	18 100	$3\frac{5}{8}$		3.50	
$\frac{5}{16}$ x 2	X2D83	X2D55	18 100	$4\frac{3}{4}$		3.90	
One hundred in box							
$\frac{5}{16}$ x $2\frac{1}{2}$	X1D59	X1D43	18 100	$5\frac{5}{8}$		4.35	
$\frac{5}{16}$ x 3	X1D81	X1D63	18 100	$7\frac{1}{4}$		4.95	
$\frac{3}{8}$ x 1	X1D56	X1D40	16 100	$3\frac{3}{4}$		4.25	
$\frac{3}{8}$ x $1\frac{1}{2}$	X1D75	X1D57	16 100	5		4.80	
$\frac{3}{8}$ x 2	X1D95	X1D76	16 100	$6\frac{1}{4}$		5.35	

Fifty in box

DIRECT SHIPMENT

Sizes not carried in stock. Can only be furnished by shipping direct from factory.

Quantity price prevails on orders for one size or assorted sizes

STAR ★ DENOTES BEST SELLER

STOVE BOLTS

IN ORDERING, GIVE DIAMETER FIRST

Flat head stove bolts, measure length over-all. Round head, measure from under head. Stove bolts 2 inches and smaller are threaded to the head. Longer bolts are threaded $1\frac{1}{4}$ inches.



Flat Head



Round Head

List per 100

Cadmium Plated

Flat Head

M10F—Less than case lots

O-M10F—Case lots

Diam., ins.	1 to 10 Boxes	10 Boxes or More	Thds.	Qty.	Wt.	
Lgth., ins.	Per 100	Per 100	per inch	in case	Box, lbs.	▲Per 100
$\frac{3}{16} \times 1\frac{1}{2}$	D9C0	D8C1	24	1000	$\frac{7}{16}$	\$1.30
$\frac{3}{16} \times \frac{3}{4}$	D9C8	D8C8	24	1000	$\frac{3}{4}$	1.40
$\frac{3}{16} \times 1$	X1D07	D9C6	24	1000	$\frac{7}{8}$	1.50
$\frac{3}{16} \times 1\frac{1}{2}$	X1D26	X1D13	24	1000	$1\frac{3}{8}$	1.75
$\frac{3}{16} \times 2$	X1D60	X1D44	24	100	$1\frac{5}{8}$	2.25
$\frac{1}{4} \times 1\frac{1}{2}$	X1D42	X1D28	20	1000	$1\frac{1}{4}$	2.00
$\frac{1}{4} \times \frac{3}{4}$	X1D56	X1D40	20	100	$1\frac{1}{2}$	2.20
$\frac{1}{4} \times 1$	X1D66	X1D49	20	100	$1\frac{3}{4}$	2.30
$\frac{1}{4} \times 1\frac{1}{2}$	X1D96	X1D76	20	100	$2\frac{1}{8}$	2.70
$\frac{1}{4} \times 2$	X2D24	X2D01	20	100	$2\frac{3}{4}$	3.10

One hundred in box

Cadmium Plated

Round Head

M5F—Less than case lots

O-M5F—Case lots

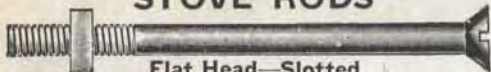
Diam., ins.	1 to 10 Boxes	10 Boxes or More	Thds.	Qty.	Wt.	
Lgth., ins.	Per 100	Per 100	per inch	in case	Box, lbs.	▲Per 100
$\frac{3}{16} \times 1\frac{1}{2}$	D9C0	D8C1	24	1000	$\frac{7}{16}$	\$1.30
$\frac{3}{16} \times \frac{3}{4}$	D9C8	D8C8	24	1000	$\frac{3}{4}$	1.40
$\frac{3}{16} \times 1$	X1D07	D9C6	24	1000	$\frac{7}{8}$	1.50
$\frac{3}{16} \times 1\frac{1}{2}$	X1D27	X1D14	24	1000	$1\frac{3}{8}$	1.75
$\frac{3}{16} \times 2$	X1D60	X1D44	24	100	$1\frac{5}{8}$	2.25
$\frac{1}{4} \times 1\frac{1}{2}$	X1D42	X1D28	20	1000	$1\frac{1}{4}$	2.00
$\frac{1}{4} \times \frac{3}{4}$	X1D56	X1D40	20	100	$1\frac{1}{2}$	2.20
$\frac{1}{4} \times 1$	X1D67	X1D49	20	100	$1\frac{3}{4}$	2.30
$\frac{1}{4} \times 1\frac{1}{2}$	X1D95	X1D76	20	100	$2\frac{1}{8}$	2.70
$\frac{1}{4} \times 2$	X2D23	X2D01	20	100	$2\frac{3}{4}$	3.10

One hundred in box

Quantity price prevails on orders for one size or assorted sizes

STOVE RODS

Flat Head—Slotted



These rods are threaded 3 inches, giving a maximum length covering immediate sizes. Length of rod is measured over all.

(M4F)

Diam., ins.	Lgth., ins.	Per Bdle.	Bdle., lbs.	Each
1/4 x 8		X1D22	2 3/4	\$0.10
1/4 x 10		X1D30	3 1/4	.10
1/4 x 12		X1D38	3 1/2	.10
1/4 x 14		X1D50	4 1/2	.10
1/4 x 16		X1D62	5	.15
1/4 x 18		X1D73	5 1/2	.15
1/4 x 20		X1D84	6 1/2	.15
1/4 x 22		X1D97	6	.20
1/4 x 24		X2D07	7	.20

Twenty-five in bdle.

Sold Only in Full Bundles

U-BOLT ASSORTMENT

With Plates



The bolt with a thousand uses. Five sizes offer a wide range of farm and home uses.

Attractive 14x6 inch metal display panel with instant size selection from printed markings on each row of bolts. Quick, modern and simplified with minimum stock.

Assortment Contains:

Nos.	Pieces	Thread Diam., ins.	Width between legs, ins.	Inside lgth., ins.	Outside lgth., ins.	Thread lgth., ins.	Pipe size ins.
408	10	1/4	1 1/8	2	2 1/4	3/4	3/4
420	10	5/16	1 3/8	2 3/16	2 1/2	1	1
422	10	5/16	1 3/4	2 11/16	3	1	1 1/4
424	10	5/16	2	2 11/16	3	1	1 1/2
427	10	5/16	2 1/2	3 3/16	3 1/2	1 1/4	2

STEEL—BRIGHT ZINC PLATED

Fifty Pieces

Per Asst.	Per Asst.
O-700-F X6D37	\$10.30

One asst. in ctn. Wt. ctn. 10 lbs.

Open Stock

Per Box	No. in Box	Wt. Box, lbs.	Each
M6272F	D8C6 (408)	10	1 1/4 \$0.16
M6273F	X1D09 (420)	10	2 .21
M6274F	X1D10 (422)	10	2 1/2 .21
M6275F	X1D12 (424)	10	2 1/2 .21
M6276F	X1D25 (427)	10	3 .24

STEEL RIVETING BURRS

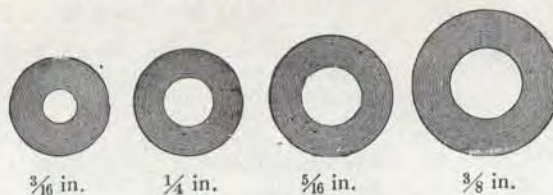


Illustration Full Size

Soft Steel—BRIGHT FINISH

(991)

Per Pound

L5979F	D5C0	
L5980F	D4C3	

For Rivets,
in.Approx. No.
Per lb.Per
Pound

3/16

436

\$0.75

1/4

368

.70

One lb. in pkg.

FINISHING WASHERS

Countersunk



Used with flat and oval head machine and wood screws and stove bolts to give a neat appearance and larger bearing surface. Head fits flush with countersunk section.

POLISHED BRASS

(CS)

Per Box	Screw, Size	Outside Diam., in.	Wt. Box, ozs.	Per Box
L4563J D4C3	6	7/16	2 1/4	\$0.65
L4564J D4C6	8	1/2	3 1/2	.70
L4565J D5C5	10	37/64	4 1/2	.85
L4566J D7C2	12	5/8	7	1.10

144 in box

Sold Only in Full Boxes

NICKEL PLATED BRASS

(CSN)

Per Box	Screw, Size	Outside Diam., in.	Wt. Box, ozs.	Per Box
L4569J D4C5	6	7/16	2 1/4	\$0.70
L4570J D4C8	8	1/2	3 1/2	.75
L4571J D5C9	10	37/64	4 1/2	.95
L4572J D7C7	12	5/8	7	1.15
L4573J D8C9	14	23/32	8	1.35

144 in box

Sold Only in Full Boxes

WROUGHT STEEL WASHERS



Round—Standard

U. S. Standard Sizes

In 5 lb. Boxes										
M2072J (Specify Size)										
Bolt Size, ins.	(RWS) Per Box	Per Box	Per Keg		Size Hole, ins.	Outside Diameter, ins.	Thickness Gauge No.	Estimated Quantity in		
								100 lbs.	Per Lb.	
3/16	X1D25	\$1.95	.....		1/4	9/16	18 (3/64)	36,200	.....	
1/4	X1D10	1.65	O-KWS1/4-J	N-X36D25	5/16	3/4	16 (1/16)	14,900	\$0.25	
5/16	X1D05	1.65	O-KWS5/16-J	N-X34D25	3/8	7/8	16 (1/16)	11,100	.24	
3/8	X1D00	1.50	.....		7/16	1	14 (5/64)	6,700	.24	
7/16	X1D00	1.50	.....		1/2	1 1/4	14 (3/64)	4,100	.....	
1/2	X1D00	1.50	.....		9/16	1 3/8	12 (7/16)	2,600	.24	
9/16	X1D00	1.50	.....		5/8	1 1/2	12 (7/64)	2,200	.....	
5/8	D9C8	1.50	.....		11/16	1 3/4	10 (1/8)	1,300	.24	
3/4	D9C7	1.50	.....		13/16	2	9 (5/32)	910	.24	
7/8	D9C7	1.50	.....		15/16	2 1/4	8 (11/64)	652	.....	
1	D9C7	1.50	.....		1 1/16	2 1/2	8 (11/64)	532	.....	

In 200 lb. Kegs Only

Bolt Size, ins.	Per Keg						Per Lb.
1 1/8	✚KWS1 1/8-J	X36D75.....	1 1/4	2 3/4	8 (11/64)	454	\$0.25
1 1/4	✚KWS1 1/4-J	X37D25.....	1 3/8	3	8 (11/64)	384	.25
1 3/8	✚KWS1 3/8-J	X37D25.....	1 1/2	3 1/4	7 (3/16)	300	.25
1 1/2	✚KWS1 1/2-J	X37D25.....	1 5/8	3 1/2	7 (3/16)	260	.25
1 5/8	✚KWS1 5/8-J	X43D50.....	1 3/4	3 3/4	7 (3/16)	227	.25
1 3/4	✚KWS1 3/4-J	X43D50.....	1 7/8	4	7 (3/16)	200	.25
1 7/8	✚KWS1 7/8-J	X43D50.....	2	4 1/4	7 (3/16)	176	.25
2	✚KWS2-J	X43D50.....	2 1/8	4 1/2	7 (3/16)	159	.25

WROUGHT BRASS WASHERS

Stamped out of best quality brass sheets.

Machine Screw Sizes

1 lb. Boxes

Per Box		To Fit Screw No.	Outside Diam., ins.	Inside Diam., ins.	Thickness in.	Avg. No. Per lb.	Per Box
L4545J	X2D55.....	4	9/32	.119	.025	2572	\$3.95
L4546J	X2D35.....	6	5/16	.147	.028	1950	3.55
L4547J	X2D10.....	8	3/8	.172	.032	1190	3.15
L4548J	X1D95.....	10	7/16	.200	.036	810	2.95
L4549J	X1D95.....	12	1/2	.227	.040	525	2.95
L4550J	X1D85.....	14	9/16	.260	.040	425	2.75

Bolt Sizes

Bolt Size						
L4557J	X1D75.....	1/4	11/16	.260	.051	200 2.65

Items marked ✚ not carried in stock. Can only be furnished by shipping direct from factory, F. O. B., St. Louis, Mo.

LOCK WASHERS

KANTLINK



American made from the highest grade steel. Uniformly tempered. Coiled to prevent tangling.

S. A. E. LIGHT

Per Box			Bolt Size, in.	Width Steel, in.	Thickness Steel, in.	Wt. Box, lbs.	▲ Per Box
L4581J	D1C7★	(102C)	1/4	.107	.047	1/4	\$0.25
L4583J	D2C3	(124C)	5/16	.117	.056	5/16	.35
L4585J	D3C1	(146C)	3/8	.136	.070	1/2	.45
L4592J	D6C1★	(A184C)	1/2	.170	.099	1 1/2	.90
L4595J	X1D06	(196C)	5/8	.201	.126	2	1.60

100 in box

L4615J	X1D67	(102M)	1/4	.107	.047	2	2.50
L4617J	X2D20	(124M)	5/16	.117	.056	3	3.30
L4619J	X2D95	(146M)	3/8	.136	.070	5	4.45
L4628J	X6D50	(A184M)	1/2	.170	.099	11 1/2	9.75

1000 in box

S. A. E. MEDIUM

L4614J	X1D10★	(80M)	3/16	.062	.047	7/8	1.65
L4616J	X1D75★	(103M)	1/4	.109	.062	2 5/8	2.50
L4618J	X2D70★	(125M)	5/16	.125	.078	4 1/2	4.05
L4620J	X3D50★	(148M)	3/8	.141	.094	7	4.95

1000 in box

L4580J	D1C1	(80C)	3/16	.062	.047	1/8	.18
L4582J	D1C8★	(103C)	1/4	.109	.062	1/2	.25
L4584J	D2C7★	(125C)	5/16	.125	.078	1/2	.40
L4586J	D3C5★	(148C)	3/8	.141	.094	3/4	.55
L4591J	D4C9★	(168C)	7/16	.156	.109	1	.75
L4593J	D6C8	(188C)	1/2	.171	.125	1 1/2	1.05
L4603J	X1D05★	(205C)	9/16	.188	.141	2 1/8	1.60
L4604J	X1D20	(222C)	5/8	.203	.156	2 3/8	1.80
L4605J	X2D02	(232C)	3/4	.234	.188	4 1/4	2.95
L4606J	X2D90	(242C)	7/8	.266	.219	6 3/4	4.35
L4607J	X4D80	(252C)	1	.297	.250	9 3/4	7.20

100 in box

L4640J	X5D98	(222M)	5/8	.203	.156	13	8.95
L4641J	X10D10	(232M)	3/4	.234	.188	21 1/2	15.15

500 in box

L4627J	X4D95	(168M)	7/16	.156	.109	10 1/4	7.45
L4629J	X6D80★	(188M)	1/2	.171	.125	14 1/2	10.25

1000 in box

Sold Only in Full Boxes

Direct Shipment

Lock Washers in shipments 300 lbs. or more, actual freight allowed in zone any point on west bank of Mississippi River south as far as Cairo, Ill., then due east to Norfolk, Va. and in all territory north of this line and east of the Mississippi River.

STAR ★ DENOTES BEST SELLER

STEEL MACHINERY BUSHINGS

Narrow Rim Machinery Bushings are made of high grade mild machinery steel, a good material to resist friction.

A few of the principal uses for them:

All **Mowers** take 1½ Main Axle, 1¼ Crank Shaft, 1¼ on Counter Shaft, 7⁄8 and 1-inch on Wrist Pin on Pitman.

All **Binders** take 1½ on Main Axle, 5⁄8 on Elevator Rollers, 9⁄16 on Knotter Pins and in various other places use ¾ to 1½.

All **Corn Binders** take 1¾ on Main Axle, and in various other places take ¾ to 1¾ inches.

All **Sulky and Gang Plows** and Listers 1¼ on Axles.

All **Hay Rakes** use 1⅜ on axles.

Superior Wheat Drills 1⅜ on axles.

Success Wheat Drills 1⅜ on axles and 7⁄8 on spring rods.

Indiana Wheat Drills 1¼ on axles.

Old Hoosier Wheat Drills 1¼ on axles and 1¼ hubs in discs.

Late Hoosier Wheat Drills 1⅜ on axles and taper hubs in discs.

Remember they can be used on **all kinds of Farm Machinery**: Threshing machines, wind mills and automobiles.

An assortment will prove a good investment.

Assorted Sizes

Assortment contains three each of the sizes listed Nos. 1 to 15 and two each Nos. 16 to 22, inclusive.

Per Asst.
L5253J (56) X1D15

Wt. each 2 lbs.

For Garages

Assortment contains six each Nos. 1 to 15, four each Nos. 16 to 22 and two each No. 23 to 30.

Per Asst.
L5254J (130) X3D70

Wt. each 5¼ lbs.

One asst in ctn.

Straight Sizes

Per Bdle.			Inside Diam., ins.	Width Rim, in.	Gauge of Metal	Outside Diam., ins.	Wt. Bdle., ozs.	Each
L5255J	(1)	D1C1¼	9⁄16	3⁄16	18	15⁄16	3	\$0.05
L5256J	(2)	D1C1¼★	5⁄8	3⁄16	18	1	4	.05
L5257J	(3)	D1C7	¾	¼	18	1¼	4¼	.05
L5258J	(4)	D2C1½	¾	¼	14	1¼	7	.05
L5259J	(5)	D2C2½★	7⁄8	¼	18	1⅜	5½	.05
L5260J	(6)	D2C7½	7⁄8	¼	14	1⅜	8	.05
L5261J	(7)	D2C7½★	1	5⁄16	18	1⅝	5¼	.05
L5262J	(8)	D3C3¾★	1	5⁄16	14	1⅝	8	.05
L5264J	(10)	D3C8¾	1⅛	5⁄16	18	1¾	8	.05
L5265J	(11)	D4C5	1⅛	5⁄16	14	1¾	12	.05
L5267J	(13)	D4C5★	1¼	3⁄8	18	2	8¼	.05
L5268J	(14)	D5C6½★	1¼	3⁄8	14	2	14½	.05
L5270J	(16)	D6C7½	1⅜	3⁄8	18	2⅛	12	.10
L5271J	(17)	D7C8¾	1⅜	3⁄8	14	1⅝	20	.10
L5273J	(19)	D7C8¾★	1½	3⁄8	14	2¼	19½	.10
L5274J	(20)	X1D01¼	1½	3⁄8	10	2¼	32	.10
L5275J	(21)	D9C0★	1¾	3⁄8	14	2½	22	.10
L5276J	(22)	X1D12½	1¾	3⁄8	10	2½	35	.10
L5277J	(23)	X1D12½	1⅞	½	14	2⅞	36	.10
L5279J	(25)	X1D35	2	½	14	3	33	.10
L5281J	(27)	X1D57½	2⅞	½	14	3⅞	40	.10

Twenty-five in bdle.

Sold Only in Full Bundles

STAR ★ DENOTES BEST SELLER

MACHINERY REPAIR BUSHINGS

JUBILEE

Split

For quick repairs on all kinds of machinery—road, agricultural, tractors, mining, trucks, etc. Invaluable where solid bushings cannot be used. Easy to install. No. 10 gauge.



ASSORTMENT

Six each hole sizes 1, 1 1/4, 1 1/2, 1 3/4 and 2 inch on attractive 10 1/2 x 9 1/2 inch display board.

Per Asst. Per Asst.
L5917J X6D30.....\$10.00
 One asst. in ctn. Wt. ctn. 4 1/2 lbs.

OPEN STOCK

Each		Size Hole in.	Wt. lbs. Ctn.	Each
L5904J	D1C7	1	3/4	\$0.27
L5905J	D1C9	1 1/4	7/8	.30
L5906J	D2C0	1 1/2	1	.32
L5907J	D2C2	1 3/4	1 1/4	.35
L5908J	D2C5	2	1 1/2	.40

Ten in ctn.

FOUNDATION ANCHOR BOLTS

BUFFALO



Plain steel with regular square nuts, flat washers.

2 inch hook, 4 inches of thread.

O-M1-J

Dimensions	Per Box (25)	Boxes in Ctn.	Wt. Ctn., lbs.	Each
AB 3/8x6	X2D20	8	50	\$0.15
AB 1/2x6	X2D65	6	67 1/2	.20
AB 3/8x8	X2D25★	8	78	.15
AB 1/2x8	X2D95★	6	80	.20
AB 3/8x10	X2D60	8	78	.20
AB 1/2x10	X3D30★	6	91	.25
AB 1/2x12	X3D60	6	107	.25

Twenty-five in box

COACH OR LAG SCREWS

Length of lag screw is measured from under head to point

List of U. S. Bureau of Standards
 Simplified Practice Recommendation R169-37
 For sizes not listed, prices on application



Steel, oil finish, gimlet point

M7J—(Less than Case lots)

O-M7J—(Case Lots)

Diam., in.	Per 100	Qty. in Case	Wt. 100, lbs.	▲ Per 100	Diam., in.	Per 100	Qty. in Case	Wt. 100, lbs.	▲ Per 100	Diam., in.	Per 100	Qty. in Case	Wt. 100, lbs.	▲ Per 100
1/4x1	X2D56★	5200	1.67	\$4.10	3/8x1 1/2	X3D13	2200	5.51	\$5.00	1 1/2x5 1/2	X10D53	400	29.6	\$16.85
1/4x1 1/4	X2D56	4200	2.01	4.10	3/8x2	X3D44★	3000	6.56	5.50	1 1/2x6	X11D15★	500	31.4	17.85
1/4x1 1/2	X2D56★	3800	2.16	4.10	3/8x2 1/2	X3D93	2100	8.05	6.30	1 1/2x7	X14D57	500	35.9	18.65
1/4x2	X2D84	3600	2.66	4.55	3/8x3	X4D31★	2100	9.10	6.90	1 1/2x8	X16D13	400	40.5	20.65
1/4x2 1/2	X3D22	3600	3.34	5.15	100 in ctn.					1 1/2x10	X19D25★	300	49.9	24.65
1/4x3	X3D56★	3300	3.78	5.70	3/8x3 1/2	X4D72	1500	10.6	7.55	5/8x2 1/2	X10D43	400	26.8	13.35
1/4x3 1/2	X3D87	2600	4.46	6.20	3/8x4	X5D09	1600	11.6	8.15	5/8x6	X17D42	400	51.9	22.30
1/4x4	X4D19	2400	4.90	6.70	3/8x4 1/2	X6D00	1200	13.1	9.60	Twenty-five in pkg.				
5/16x1	X2D56	4600	2.90	4.10	3/8x5	X6D50★	1200	14.1	10.40	Sold Only in Full Packages				
5/16x1 1/4	X2D56	3600	3.43	4.10	3/8x5 1/2	X6D97	700	15.6	11.15					
5/16x1 1/2	X2D56★	4200	3.79	4.10	3/8x6	X7D47	900	16.6	11.95					
5/16x2	X2D84★	2500	4.58	4.55	3/8x7	X10D12	750	19.1	12.95					
5/16x2 1/2	X3D22	3000	5.65	5.15	1/2x1 1/2	X5D65	900	11.2	9.05					
5/16x3	X3D60★	2200	6.35	5.70	1/2x2	X5D65	1100	13.3	9.05					
5/16x3 1/2	X3D87	1600	7.41	6.20	1/2x2 1/2	X6D15★	1200	15.6	9.85					
5/16x4	X4D19	1200	8.12	6.70	1/2x3	X6D72★	1100	17.8	10.75					
5/16x4 1/2	X4D94	400	9.00	7.90	Fifty in ctn.									
5/16x5	X5D31	400	9.87	8.50	1/2x3 1/2	X7D28	800	20.5	11.65					
5/16x6	X5D62	400	11.6	9.70	1/2x4	X7D83★	900	22.3	12.55					
100 in pkg.					1/2x4 1/2	X9D27	700	25.0	14.85					
Sold Only in Full Packages					1/2x5	X9D90	600	26.9	15.85					
					Twenty-five in pkg.									
					Sold Only in Full Packages									

NOTE—Container Quantities Subject to Slight Variations

NOTE—On Orders of 10 Boxes or More Deduct D0C5%

STAR ★ DENOTES BEST SELLER

CARRIAGE BOLTS

CUT THREADS

Length of carriage bolt measured from
under head to point



List per 100 Bolts

M8J (CTC)—(Less than Case Lots)

O-M8J (CTC)—(Case Lots)

Diam., ins.	Per 100	Thds. per inch	Wt. 100 lbs.	Qty. in Case	▲ Per 100
1/4x3/4	X1D38	20	2.40	1500	\$2.20
1/4x1	X1D41★	20	2.70	3000	2.25
1/4x1 1/4	X1D50★	20	3.02	3400	2.40
1/4x1 1/2	X1D59★	20	3.39	4200	2.55
1/4x1 3/4	X1D78	20	3.72	2800	2.85
1/4x2	X1D78★	20	4.06	4500	2.85
1/4x2 1/4	X1D97	20	4.38	2400	3.15
1/4x2 1/2	X1D97★	20	4.71	5000	3.15
1/4x2 3/4	X2D19	20	5.04	2000	3.50
1/4x3	X2D19★	20	5.33	3600	3.50
1/4x3 1/4	X2D41	20	5.62	1800	3.85
1/4x3 1/2	X2D41★	20	5.96	2400	3.85
1/4x3 3/4	X2D69	20	6.29	1400	4.30
1/4x4	X2D69	20	6.62	2200	4.30
1/4x4 1/2	X3D31	20	7.28	2000	5.30
1/4x5	X3D62★	20	7.94	1600	5.80
1/4x5 1/2	X3D93	20	8.60	1200	6.30
1/4x6	X4D25★	20	9.26	1100	6.80
1/4x6 1/2	X7D03	20	9.93	1000	9.00
1/4x7	X7D34	20	10.6	1000	9.40
1/4x7 1/2	X7D65	20	11.3	800	9.80
1/4x8	X7D97	20	11.9	1000	10.20

One hundred in pkg.

Sold Only in Full Packages

5/16x3/4	X2D03	18	4.02	2400	3.25
5/16x1	X2D06★	18	4.50	2300	3.30
5/16x1 1/4	X2D16	18	5.02	2100	3.45
5/16x1 1/2	X2D34★	18	5.53	3000	3.75
5/16x1 3/4	X2D63	18	6.05	2000	4.20
5/16x2	X2D63★	18	6.51	2700	4.20
5/16x2 1/4	X2D91	18	7.02	2000	4.65
5/16x2 1/2	X2D91★	18	7.54	2800	4.65
5/16x2 3/4	X3D19	18	8.06	1600	5.10
5/16x3	X3D19★	18	8.57	2400	5.10

One hundred in ctn.

5/16x3 1/4	X3D47	18	9.10	1000	5.55
5/16x3 1/2	X3D47★	18	9.61	2000	5.55
5/16x3 3/4	X3D75	18	10.1	1000	6.00
5/16x4	X3D75★	18	10.6	1800	6.00
5/16x4 1/2	X4D72	18	11.7	1600	7.55
5/16x5	X5D76★	18	12.5	1200	8.10
5/16x5 1/2	X5D41	18	13.6	900	8.65
5/16x6	X5D75★	18	14.6	900	9.20
5/16x6 1/2	X9D18	18	15.6	600	11.75
5/16x7	X9D66	18	16.7	800	12.25
5/16x7 1/2	X9D96	18	17.7	500	12.75
5/16x8	X10D35	18	18.7	700	13.25
5/16x9	X11D13	18	20.8	500	14.25
5/16x10	X11D91	18	22.9	500	15.25

Fifty in pkg.

Sold Only in Full Packages

M8J (CTC)—(Less than Case Lots)

O-M8J (CTC)—(Case Lots)

Diam., ins.	Per 100	Thds. per inch	Wt. 100 lbs.	Qty. in Case	▲ Per 100
3/8x1	X2D84	16	7.12	1700	\$4.55
3/8x1 1/4	X3D30	16	7.88	1500	4.80
3/8x1 1/2	X3D16★	16	8.53	2400	5.05
3/8x1 3/4	X3D46	16	9.31	1500	5.55
3/8x2	X3D46★	16	10.1	2000	5.55
3/8x2 1/4	X3D87	16	10.8	1500	6.20
3/8x2 1/2	X3D87★	16	11.5	2100	6.20
3/8x2 3/4	X4D31	16	12.3	900	6.90
3/8x3	X4D31★	16	13.0	2000	6.90

One hundred in ctn.

3/8x3 1/4	X4D75	16	13.8	1000	7.60
3/8x3 1/2	X4D98★	16	14.5	1800	7.60
3/8x3 3/4	X5D18	16	15.3	900	8.30
3/8x4	X5D18★	16	16.0	1600	8.30
3/8x4 1/2	X6D09	16	17.5	1200	9.75
3/8x5	X6D53★	16	18.8	1200	10.45
3/8x5 1/2	X6D97	16	20.3	900	11.15
3/8x6	X7D40★	16	21.8	1000	11.85
3/8x6 1/2	X11D20	16	23.2	700	14.35
3/8x7	X11D79★	16	24.7	800	15.10
3/8x7 1/2	X12D38	16	26.2	500	15.85
3/8x8	X12D96★	16	27.7	700	16.60
3/8x8 1/2	X13D55	16	29.2	400	17.35
3/8x9	X14D13	16	30.7	500	18.10
3/8x9 1/2	X14D72	16	32.2	300	18.85
3/8x10	X15D31★	16	33.7	600	19.60
3/8x11	X16D48	16	36.6	300	21.10
3/8x12	X17D65	14	39.6	250	22.60
7/16x1	X4D62	14	10.5	900	7.40
7/16x1 1/2	X5D09	14	12.4	900	8.15
7/16x2	X5D47★	14	14.2	1000	8.75
7/16x2 1/2	X5D84	14	16.2	1000	9.35
7/16x3	X6D22	14	18.3	900	9.95

Fifty in pkg.

7/16x3 1/2	X6D84	14	20.3	800	10.95
7/16x4	X7D25★	14	22.3	800	11.60
7/16x4 1/2	X8D12	14	24.3	600	13.00
7/16x5	X8D62	14	26.3	600	13.80
7/16x5 1/2	X9D15	14	28.4	450	14.65
7/16x6	X9D68★	14	30.1	500	15.50
7/16x6 1/2	X15D07	14	32.1	400	19.30
7/16x7	X15D85	14	34.1	400	20.30
7/16x7 1/2	X16D64	14	36.2	300	21.30
7/16x8	X17D42★	14	38.2	300	22.30
7/16x9	X18D98	14	43.0	300	24.30
7/16x10	X20D54	14	47.0	200	26.30

Twenty-five in pkg.

Sold Only in Full Packages

M8J (CTC)—(Less than Case Lots)

O-M8J (CTC)—(Case Lots)

Diam., ins.	Per 100	Thds. per inch	Wt. 100 lbs.	Qty. in Case	▲ Per 100
1/2x1	X5D37	13	14.5	800	\$8.60
1/2x1 1/2	X5D99	13	17.1	1000	9.60
1/2x2	X6D43★	13	19.5	1000	10.30
1/2x2 1/2	X7D28	13	22.2	1000	11.65
1/2x3	X7D79★	13	24.8	1000	12.40
1/2x3 1/2	X8D25	13	26.1	400	13.20

Fifty in pkg.

1/2x4	X8D75★	13	30.1	800	14.00
1/2x4 1/2	X9D94	13	32.7	600	15.90
1/2x5	X10D56	13	35.4	600	16.90
1/2x5 1/2	X11D21★	13	38.4	500	17.95
1/2x6	X11D87★	13	40.4	600	19.00
1/2x6 1/2	X16D56	13	43.1	400	21.20
1/2x7	X17D34★	13	45.7	500	22.20
1/2x7 1/2	X18D11	13	48.4	400	23.20
1/2x8	X18D90★	13	51.0	400	24.20
1/2x8 1/2	X19D63	13	53.7	400	25.20
1/2x9	X20D46★	13	56.3	300	26.20
1/2x9 1/2	X21D24	13	59.0	250	27.20
1/2x10	X22D02★	13	61.6	350	28.20
1/2x10 1/2	X23D59	13	64.3	200	30.20
1/2x11	X23D59	13	66.9	200	30.20
1/2x12	X25D15★	13	72.2	200	32.20

Twenty-five in pkg.

Sold Only in Full Packages

1/2x13	X26D71	13	77.5	200	34.20
1/2x14	X28D27★	13	82.8	200	36.20
1/2x15	X29D83	13	88.1	200	38.20
1/2x16	X31D40★	13	93.3	200	40.20
1/2x18	X34D52	13	104.0	200	44.20

Loose

5/8x1 1/2	X13D12	11	29.5	800	16.80
5/8x2	X13D75	11	33.5	600	17.60
5/8x2 1/2	X14D60	11	37.5	550	18.70
5/8x3	X15D46	11	41.5	450	19.80
5/8x3 1/2	X16D32	11	45.7	400	20.90
5/8x4	X17D18	11	49.8	400	22.00
5/8x4 1/2	X19D91	11	53.9	300	25.50
5/8x5	X21D09	11	58.1	300	27.00
5/8x6	X23D43	11	66.3	250	30.00
5/8x8	X27D88	11	82.4	200	35.70

Twenty-five in pkg.

Sold Only in Full Packages

3/4x2	X21D01	11	49.1	400	26.90
3/4x2 1/2	X22D02	11	54.4	350	28.20
3/4x3	X23D00	11	60.5	300	29.45
3/4x3 1/2	X24D01	11	66.5	275	30.75
3/4x4	X25D03	11	72.5	250	32.05
3/4x4 1/2	X27D10	11	78.6	225	34.70
3/4x5	X28D70	11	84.6	200	36.75
3/4x5 1/2	X30D30	11	90.7	200	38.30
3/4x6	X31D90	11	96.7	175	40.85
3/4x7	X35D54	11	108	150	45.50
3/4x8	X37D88	11	120	125	48.50

Loose

NOTE—Container Quantities Subject to Slight Variations

Bolts and Nuts not assembled in sizes 1/2 inch and smaller by 4 inches and shorter.

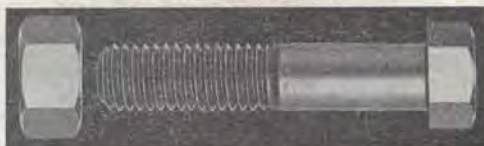
NOTE—On Orders of Ten Boxes or More Deduct D0C5%

STAR ★ DENOTES BEST SELLER

MACHINE BOLTS

CUT THREADS

Length of machine bolt measured from
under head to point



List per 100 Bolts

M3J (CTM)—(Less than Case Lots)

O-M3J (CTM)—(Case Lots)

Diam. ins.	Length, ins.	Per 100	Thds. per inch	Wt. per 100 lbs.	Qty. in Case	▲ Per 100
1/4x3/4	X1D29	20	2.44	4000	\$2.40	
1/4x1	X1D35★	20	2.70	3200	2.50	
1/4x1 1/4	X1D43	20	3.03	3200	2.65	
1/4x1 1/2	X1D51★	20	3.37	3400	2.80	
1/4x2	X1D67★	20	4.04	3000	3.10	
1/4x2 1/4	X1D88	20	4.38	2200	3.50	
1/4x2 1/2	X1D88★	20	4.72	2700	3.50	
1/4x3	X2D11★	20	5.35	2400	3.90	
1/4x3 1/2	X2D63	20	6.03	2000	4.30	
1/4x4	X2D86★	20	6.70	1600	4.70	
1/4x4 1/2	X3D42	20	7.38	2000	5.60	
1/4x5	X3D76	20	8.06	1300	6.15	
1/4x5 1/2	X4D09	20	8.88	1200	6.70	
1/4x6	X4D43★	20	9.42	1100	7.25	
1/4x6 1/2	X7D13	20	10.1	1000	9.30	
1/4x7	X7D47	20	10.8	1000	9.70	
1/4x8	X8D05	20	12.1	1000	10.50	

One hundred in pkg.

Sold Only in Full Packages

5/16x3/4	X1D99	18	4.35	2500	3.55	
5/16x1	X1D97★	18	4.75	3000	3.65	
5/16x1 1/4	X2D05	18	5.28	2000	3.80	
5/16x1 1/2	X2D21★	18	5.76	2100	4.10	
5/16x2	X2D48★	18	6.74	2000	4.60	
5/16x2 1/4	X2D75	18	7.27	500	5.10	
5/16x2 1/2	X2D75★	18	7.80	2400	5.10	
5/16x3	X3D02	18	8.85	2400	5.60	

One hundred in pkg.

5/16x3 1/2	X3D72★	18	9.90	1800	6.10	
5/16x4	X4D03	18	11.0	1400	6.60	
5/16x4 1/2	X4D88	17	12.0	1300	8.00	
5/16x5	X5D25★	18	13.0	1000	8.60	
5/16x5 1/2	X5D61	18	14.0	800	9.20	
5/16x6	X5D98★	18	15.0	900	9.80	
5/16x6 1/2	X9D32	18	16.1	600	12.15	
5/16x7	X9D70	18	17.2	800	12.65	
5/16x8	X10D46	18	19.3	600	13.65	

Fifty in pkg.

3/8x3/4	X2D40	16	6.79	2000	4.80	
3/8x1	X2D70★	16	7.39	2800	5.00	
3/8x1 1/4	X2D83	16	8.15	2000	5.25	
3/8x1 1/2	X3D00★	16	8.83	2400	5.55	
3/8x1 3/4	X3D29	16	9.59	1500	6.10	
3/8x2	X3D29★	16	10.3	2000	6.10	
3/8x2 1/4	X3D70	16	11.1	1100	6.85	
3/8x2 1/2	X3D70★	16	11.8	1800	6.85	

One hundred in pkg.

Sold Only in Full Packages

M3J (CTM)—(Less than Case Lots)

O-M3J (CTM)—(Case Lots)

Diam. ins.	Length, ins.	Per 100	Thds. per inch	Wt. per 100 lbs.	Qty. in Case	▲ Per 100
3/8x3	X4D10★	16	13.3	1500	\$7.60	
One hundred in ctn.						
3/8x3 1/2	X5D10	16	14.8	1200	8.35	
3/8x4	X5D56★	16	16.4	1200	9.10	
3/8x4 1/2	X6D32	16	17.9	1000	10.35	
3/8x5	X6D77	16	19.2	900	11.10	
3/8x5 1/2	X7D24	16	20.8	600	11.85	
3/8x6	X7D69★	16	22.3	800	12.60	
3/8x6 1/2	X11D69	16	23.8	500	15.25	
3/8x7	X12D26	16	25.3	600	16.00	
3/8x7 1/2	X12D84	16	26.8	400	16.75	
3/8x8	X13D41★	16	28.4	600	17.50	
3/8x9	X14D57	16	31.4	500	19.00	
3/8x10	X15D72	16	34.5	500	20.50	
3/8x11	X16D87	16	37.5	300	22.00	
3/8x12	X18D02	16	40.5	300	23.50	
7/16x1	X4D40	14	10.9	1000	8.15	
7/16x1 1/2	X4D83★	14	12.8	1000	8.95	
7/16x2	X5D15	14	14.5	1000	9.55	
7/16x2 1/2	X5D53★	14	16.5	900	10.25	
7/16x3	X6D11★	14	18.6	900	10.95	
Fifty in ctn.						
7/16x3 1/2	X7D36	14	20.7	800	12.05	
7/16x4	X7D79	14	22.7	800	12.75	
7/16x4 1/2	X8D43	14	24.8	600	13.80	
7/16x5	X8D97★	14	26.9	600	14.70	
7/16x5 1/2	X9D53	14	29.0	400	15.60	
7/16x6	X10D07	14	31.1	500	16.50	
7/16x6 1/2	X15D72	14	33.1	400	20.50	
7/16x7	X16D49★	14	35.2	400	21.50	
7/16x8	X18D02	14	39.3	300	23.50	
7/16x9	X19D55	14	43.2	300	25.50	

Twenty-five in ctn.

1/2x1	X5D10	13	15.1	1200	9.45	
1/2x1 1/4	X5D40	13	16.7	1200	10.00	
1/2x1 1/2	X5D68	13	18.0	1200	10.55	
1/2x2	X6D10	13	20.5	1000	11.30	
1/2x2 1/2	X6D90★	13	23.2	1000	12.80	
1/2x2 3/4	X7D37	13	24.0	500	13.65	
1/2x3	X7D37	13	25.95	800	13.65	
1/2x3 1/2	X8D85	13	28.6	800	14.50	

Fifty in pkg.

1/2x4	X9D39★	13	31.3	600	15.35	
1/2x4 1/2	X10D32	13	34.0	600	16.90	
1/2x5	X10D99★	13	36.7	600	18.00	
1/2x5 1/2	X11D66	13	39.5	500	19.10	

Twenty-five in pkg.

Sold Only in Full Packages

M3J (CTM)—(Less than Case Lots)

O-M3J (CTM)—(Case Lots)

Diam. ins.	Length, ins.	Per 100	Thds. per inch	Wt. per 100 lbs.	Qty. in Case	▲ Per 100
1/2x6	X12D33★	13	41.8	600	\$20.20	
1/2x6 1/2	X17D44	13	44.5	400	22.75	
1/2x7	X18D21★	13	47.2	400	23.75	
1/2x7 1/2	X18D97	13	49.9	250	24.75	
1/2x8	X19D75★	13	52.7	350	25.75	
1/2x8 1/2	X20D51	13	55.4	200	26.75	
1/2x9	X21D28	13	58.1	300	27.75	
1/2x9 1/2	X22D05	13	60.8	200	28.75	
1/2x10	X22D81	13	63.5	300	29.75	
1/2x10 1/2	X24D35★	13	66.2	200	31.75	
Twenty-five in pkg.						
1/2x11	X24D35	13	68.9	200	31.75	
1/2x12	X25D88★	13	74.3	200	33.75	
Twenty-five in ctn.						
1/2x13	X27D41	13	79.7	200	35.75	
1/2x14	X28D89	13	85.1	200	37.75	
1/2x15	X30D48	13	90.5	200	39.75	
1/2x16	X32D01	13	96.0	200	41.75	
1/2x18	X35D08	13	107.0	200	45.75	

Loose

5/8x1	X10D13	11	28.2	850	15.85	
5/8x1 1/2	X10D74★	11	31.9	800	16.80	
5/8x1 3/4	X11D25	11	33.9	700	17.60	
5/8x2	X11D25★	11	35.9	600	17.60	
5/8x2 1/2	X11D95	11	39.7	600	18.70	
5/8x3	X12D65★	11	43.9	500	19.80	
5/8x3 1/2	X15D13	11	48.1	400	20.90	
5/8x4	X15D93★	11	52.4	400	22.00	
5/8x4 1/2	X18D46	11	56.6	300	25.50	
5/8x5	X19D55★	11	60.8	300	27.00	
5/8x5 1/2	X20D83	11	65.0	275	28.50	
5/8x6	X21D73★	11	69.2	250	30.00	
5/8x7	X27D91	11	77.7	225	33.40	
5/8x8	X29D91★	11	85.7	200	35.70	

Twenty-five in pkg.

Sold Only in Full Packages

5/8x9	X31D84	11	94.1	175	38.00	
5/8x10	X33D76★	11	98.3	150	40.30	
5/8x11	X35D69	11	111.0	150	42.60	
5/8x12	X37D62★	11	119.0	125	44.90	
5/8x14	X41D47	11	136.0	100	49.50	
5/8x16	X45D32	11	153.0	100	54.10	
3/4x1 1/2	X17D25★	10	48.8	475	22.50	
3/4x1 3/4	X18D25	10	51.3	450	23.80	
3/4x2	X18D25	10	54.3	425	23.80	
3/4x2 1/2	X19D24★	10	60.2	375	25.10	
3/4x3	X20D24★	10	65.7	325	26.40	
3/4x3 1/2	X21D24	10	71.8	275	27.70	
3/4x4	X22D24★	10	77.9	275	29.00	
3/4x5	X25D69	10	90.0	200	33.50	
3/4x5 1/2	X27D22	10	96.1	200	35.50	
3/4x6	X28D75★	10	102.0	175	37.50	
3/4x7	X35D19	10	114.0	150	42.00	
3/4x8	X37D70★	10	126.0	125	45.00	
3/4x9	X40D25	10	138.0	125	48.00	
3/4x10	X42D73	10	150.0	125	51.00	
3/4x12	X47D75★	10	174.0	100	57.00	

Loose

NOTE—Container Quantities Subject to Slight Variations

Bolts and Nuts not assembled in sizes 1/2 inch and smaller by 4 inches and shorter.

NOTE—On Orders of Ten Boxes or More Deduct 5%

STAR ★ DENOTES BEST SELLER



A FLEXIBLE BOLT DEPARTMENT

75 **Zinc Plated** Sizes
Bolts • Nuts • Screws

4280 PIECES
(Plated Bolts with
Nuts Attached)



NRHA APPROVED DISPLAY

SPECIAL ASSORTMENT No. 1245 S (Pictured Above)

CONTAINS:

- 1 Carriage Bolt Assortment No. 1
- 1 Machine Bolt Assortment No. 2
- 1 Cap Screw Assortment No. 4
- 1 Stove Bolt Assortment No. 5
- 1 Special Tray Stand

Retail Value	\$219.30
Dealer Cost Complete	\$148.77
Profit (1st Turnover)	\$ 70.53
Profit (Refills)	\$104.48

**COMPLETE DETAILS AND SCHEDULE
OF REFILLS ON BACK PAGE**

*Rebate Allowance

Single Purchases of Special Assortment No. 1245 S, or any other combination of 4 assortments complete, entitled to five dollars (\$5.00) allowance from factory.



If you wish... **PLAN YOUR OWN DISPLAY!**

- A complete line of 91 Bolts, Nuts and Screws
- Select the sizes and types needed for your store

SPECIAL TRAY STAND

Durable, baked enamel stand for displaying four Serve Yourself Trays

PRICE... **\$14.95**

SHIPPING WEIGHT 20 LBS.

EMPTY BOLT TRAY

All Metal Tray with Adjustable Metal Dividers and Price Ticket Holders

PRICE OF TRAY

EMPTY... **\$8.95**

SHIPPING WEIGHT 8 LBS.



FIVE CUSTOM ASSORTMENTS • SCHEDULE OF REFILLS

Custom Assortments are complete with Bolt Tray and Price Ticket Service

CARRIAGE BOLT ASSORTMENT No. 1
Zinc Plated Finish with Nuts on—Shipping Wgt. 48 lbs.

Stock No.	Size and Description	Ctn. Quan.	Dealer Net Cost Per Ctn.	Retail Value
Cut Thread Carriage Bolts				
CB-1	1/4 x 1	50	\$1.17	\$2.00
CB-2	1/4 x 1 1/2	40	1.06	2.00
CB-3	1/4 x 2	35	1.03	1.75
CB-4	1/4 x 2 1/2	40	1.31	2.40
CB-5	1/4 x 3	30	1.09	1.80
CB-6	1/4 x 4	30	1.34	2.40
CB-7	3/8 x 1 1/2	40	1.55	2.80
CB-8	3/8 x 2	30	1.31	2.40
CB-9	3/8 x 2 1/2	25	1.20	2.00
CB-10	3/8 x 3	30	1.58	2.70
CB-11	3/8 x 4	30	1.86	3.30
CB-12	3/8 x 1 1/2	25	1.31	2.25
CB-13	3/8 x 2	20	1.15	2.00
CB-14	3/8 x 2 1/2	15	.97	1.80
CB-15	3/8 x 3	15	1.03	1.95
CB-16	3/8 x 3 1/2	15	1.18	1.95
CB-17	3/8 x 4	15	1.29	2.10

Dealer Cost Assortment Only	\$21.48
Serve Yourself Tray (Special price)	5.00
DEALER COST COMPLETE	\$26.48
Retail Value of Contents	\$37.60

SMALL MACHINE BOLT ASSORTMENT No. 2
Zinc Plated Finish with Nuts on—Shipping Wgt. 50 lbs.

Stock No.	Size and Description	Ctn. Quan.	Dealer Net Cost Per Ctn.	Retail Value
Cut Thread Machine Bolts				
MB-1	1/4 x 1	65	\$1.69	\$2.60
MB-2	1/4 x 1 1/2	65	1.89	3.25
MB-3	1/4 x 2	50	1.61	3.00
MB-4	1/4 x 2 1/2	50	1.81	3.50
MB-5	1/4 x 3	50	2.03	3.50
MB-6	1/4 x 3 1/2	40	1.78	3.20
MB-7	1/4 x 4	45	2.20	4.05
MB-8	3/8 x 1	50	1.89	3.00
MB-9	3/8 x 1 1/2	35	1.49	2.45
MB-10	3/8 x 2	35	1.66	3.15
MB-11	3/8 x 2 1/2	35	1.85	3.50
MB-12	3/8 x 3	35	2.03	3.50
MB-13	3/8 x 3 1/2	30	1.89	3.30
MB-14	3/8 x 4	30	2.06	3.60

Dealer Cost Assortment Only	\$25.90
Serve Yourself Tray (Special price)	5.00
DEALER COST COMPLETE	\$30.90
Retail Value of Contents	\$45.60

LARGE MACHINE BOLT ASSORTMENT No. 3
Zinc Plated Finish with Nuts on—Shipping Wgt. 55 lbs.

Stock No.	Size and Description	Ctn. Quan.	Dealer Net Cost Per Ctn.	Retail Value
Cut Thread Machine Bolts				
MBL-1	3/8 x 1	25	\$1.29	\$2.00
MBL-2	3/8 x 1 1/2	20	1.15	1.80
MBL-3	3/8 x 2	20	1.26	2.00
MBL-4	3/8 x 2 1/2	15	1.06	1.65
MBL-5	3/8 x 3	15	1.18	1.80
MBL-6	3/8 x 3 1/2	10	.86	1.30
MBL-7	3/8 x 4	20	1.89	2.80
MBL-8	3/8 x 4 1/2	15	1.61	2.40
MBL-9	3/8 x 5	15	1.72	2.55
MBL-10	1/2 x 1 1/2	10	1.09	1.60
MBL-11	1/2 x 2	12	1.40	2.04
MBL-12	1/2 x 2 1/2	12	1.58	2.28
MBL-13	1/2 x 3	10	1.41	2.10
MBL-14	1/2 x 4	10	1.58	2.40
MBL-15	1/2 x 5	10	1.86	2.80
MBL-16	1/2 x 6	10	2.09	3.00

Dealer Cost Assortment Only	\$23.07
Serve Yourself Tray (Special price)	5.00
DEALER COST COMPLETE	\$28.07
Retail Value of Contents	\$34.52

CAP SCREW AND NUT ASSORTMENT No. 4
1038 Steel, Double Heat Treated Cap Screws and Finished Hex Nuts, coarse and Fine Thread, Zinc Plated Finish—Shipping Wgt. 59 lbs.

Stock No.	Size and Description	Ctn. Quan.	Dealer Net Cost Per Ctn.	Retail Value
Hexagon Cap Screws U.S.S.				
CS-1	1/4 x 3/4	100	\$1.63	\$3.00
CS-2	1/4 x 1	100	1.75	4.00
CS-3	3/8 x 3/4	75	1.69	3.00
CS-4	3/8 x 1	75	1.86	3.75
CS-5	3/8 x 1 1/2	50	1.68	3.50
CS-6	3/8 x 1 1/2	35	1.41	2.80
CS-7	1/2 x 1 1/2	20	1.52	3.00
CS-8	1/2 x 2	20	1.77	3.60
SAE				
CS-9	1/4 x 3/4	100	1.63	3.00
CS-10	1/4 x 1	100	1.75	4.00
CS-11	3/8 x 3/4	75	1.69	3.00
CS-12	3/8 x 1	75	1.86	3.75
CS-13	3/8 x 1 1/2	50	1.68	3.50
CS-14	3/8 x 1 1/2	35	1.41	2.80
CS-15	1/2 x 1 1/2	20	1.52	3.00
CS-16	1/2 x 2	20	1.77	3.60

Stock No.	Size and Description	Ctn. Quan.	Dealer Net Cost Per Ctn.	Retail Value
Finished Hex Nuts U.S.S.				
CS-17	1/4	100	.74	1.65
CS-18	3/8	100	.98	2.00
CS-19	3/8	75	.95	2.25
CS-20	1/2	50	1.26	2.50
SAE				
CS-21	1/4	100	.74	1.65
CS-22	3/8	100	.98	2.00
CS-23	3/8	75	.95	2.25
CS-24	1/2	50	1.26	2.50

Dealer Cost Assortment Only	\$34.51
Serve Yourself Tray (Special price)	5.00
DEALER COST COMPLETE	\$39.51
Retail Value of Contents	\$70.10

STOVE BOLT ASSORTMENT No. 5
Zinc Plated Finish with Nuts on—Shipping Wgt. 47 lbs.

Stock No.	Size and Description	Ctn. Quan.	Dealer Net Cost Per Ctn.	Retail Value
Round Head Stove Bolts				
SB-1	3/8 x 3/4	100	\$1.24	\$2.50
SB-2	3/8 x 1	100	1.34	3.00
SB-3	3/8 x 1 1/2	75	1.23	2.25
SB-4	3/8 x 2	75	1.54	3.00
SB-5	3/8 x 2 1/2	100	2.34	5.00
SB-6	1/4 x 3/4	100	1.85	4.00
SB-7	1/4 x 1	75	1.54	3.00
SB-8	1/4 x 1 1/2	75	1.78	3.75
SB-9	1/4 x 2	50	1.41	3.00
SB-10	1/4 x 2 1/2	50	1.69	3.50
Flat Head Stove Bolts				
SB-11	3/8 x 3/4	100	1.24	2.50
SB-12	3/8 x 1	100	1.34	3.00
SB-13	3/8 x 1 1/2	75	1.23	2.25
SB-14	3/8 x 2	75	1.54	3.00
SB-15	3/8 x 2 1/2	100	2.34	5.00
SB-16	1/4 x 3/4	100	1.85	4.00
SB-17	1/4 x 1	75	1.54	3.00
SB-18	1/4 x 1 1/2	75	1.78	3.75
SB-19	1/4 x 2	50	1.41	3.00
SB-20	1/4 x 2 1/2	50	1.69	3.50

Dealer Cost Assortment Only	\$31.93
Serve Yourself Tray (Special price)	5.00
DEALER COST COMPLETE	\$36.93
Retail Value of Contents	\$66.00



The **LAMSON & SESSIONS Co.**

1971 West 85th Street • Cleveland 2, Ohio
PLANTS AT CLEVELAND AND KENT, OHIO • BIRMINGHAM • CHICAGO

OPEN STOCK For Bolt Assortment No. 0-12455-J

CARRIAGE BOLT Zinc Plated Finish with Nuts L2770J

Size in.	Per Box	No. in Box	Boxes in Ctn.	Wt. Ctn. lbs.	Per Box
1/4x1	X1D17	50	24	32.1	\$2.00
1/4x1 1/2	X1D06	40	24	32.0	2.00
1/4x2	X1D03	35	24	33.8	1.75
1/4x2 1/2	X1D31	40	18	34.0	2.40
1/4x3	X1D09	30	18	29.6	1.80
1/4x4	X1D34	30	18	36.8	2.40
5/16x1 1/2	X1D55	40	18	41.5	2.80
5/16x2	X1D31	30	18	37.1	2.40
5/16x2 1/2	X1D20	25	18	35.9	2.00
5/16x3	X1D58	30	12	32.8	2.70
5/16x4	X1D86	30	9	30.7	3.30
3/8x1 1/2	X1D31	25	24	51.0	2.25
3/8x2	X1D15	20	18	36.7	2.00
3/8x2 1/2	D9C7	15	24	42.2	1.80
3/8x3	X1D03	15	18	36.1	1.95
3/8x3 1/2	X1D18	15	18	40.1	1.95
3/8x4	X1D29	15	18	44.2	2.10

MACHINE BOLTS Zinc Plated with Nuts L2771J

Size in.	Per Box	No. in Box	Boxes in Ctn.	Wt. Ctn. lbs.	Per Box
1/4x1	X1D69	65	24	41.1	\$2.60
1/4x1 1/2	X1D89	65	24	51.6	3.25
1/4x2	X1D61	50	24	48.2	3.00
1/4x2 1/2	X1D81	50	18	42.5	3.50
1/4x3	X2D03	50	12	32.9	3.50
1/4x3 1/2	X1D78	40	12	29.9	3.20
1/4x4	X2D20	45	9	28.2	4.05
5/16x1	X1D89	50	18	44.7	3.00
5/16x1 1/2	X1D49	35	24	50.1	2.45
5/16x2	X1D66	35	18	44.6	3.15
5/16x2 1/2	X1D85	35	12	34.6	3.50
5/16x3	X2D03	35	12	39.1	3.50
5/16x3 1/2	X1D89	30	12	37.5	3.30
5/16x4	X2D06	30	9	31.2	3.60

CAP SCREWS Zinc Plated with Nuts U.S.S. Thread L2772J

Size in.	Per Box	No. in Box	Boxes in Ctn.	Wt. Ctn. lbs.	Per Box
1/4x3/4	X1D63	100	24	36.1	\$3.00
1/4x1	X1D75	100	24	43.3	4.00
5/16x3/4	X1D69	75	24	44.9	3.00
5/16x1	X1D86	75	24	52.4	3.75
3/8x1	X1D68	50	24	51.5	3.50
3/8x1 1/2	X1D41	35	24	48.9	2.80
1/2x1 1/2	X1D52	20	24	57.1	3.00
1/2x2	X1D77	20	18	53.2	3.60

CAP SCREWS Zinc Plated Finish with Nuts S.A.E. Thread L2773J

Size in.	Per Box	No. in Box	Boxes in Ctn.	Wt. Ctn. lbs.	Per Box
1/4x3/4	X1D63	100	24	37.7	\$3.00
1/4x1	X1D75	100	24	45.4	4.00
5/16x3/4	X1D69	75	24	46.5	3.00
5/16x1	X1D86	75	24	54.6	3.75
3/8x1	X1D68	50	24	54.1	3.50
3/8x1 1/2	X1D41	35	24	50.5	2.80
1/2x1 1/2	X1D52	20	24	59.6	3.00
1/2x2	X1D77	20	18	55.0	3.60

HEX NUTS Zinc Plated Finish U.S.S. Thread L2774J

Size in.	Per Box	No. in Box	Boxes in Ctn.	Wt. Ctn. lbs.	Per Box
1/4	D7C4	100	24	19.3	\$1.65
5/16	D9C8	100	24	27.9	2.00
3/8	D9C5	75	24	30.3	2.25
1/2	X1D26	50	24	46.5	2.50

S.A.E. Thread L2775J

Size in.	Per Box	No. in Box	Boxes in Ctn.	Wt. Ctn. lbs.	Per Box
1/4	D7C4	100	24	19.3	1.65
5/16	D9C8	100	24	27.9	2.00
3/8	D9C5	75	24	30.3	2.25
1/2	X1D26	50	24	46.5	2.50

ROUND HEAD STOVE BOLTS Zinc Plated Finish with Nuts L2776J

Size in.	Per Box	No. in Box	Boxes in Ctn.	Wt. Ctn. lbs.	Per Box
3/16x3/4	X1D24	100	24	26.3	\$2.50
3/16x1	X1D34	100	24	29.8	3.00
3/16x1 1/2	X1D23	75	24	28.0	2.25
3/16x2	X1D54	75	18	25.3	3.00
3/16x2 1/2	X2D34	100	12	26.1	5.00
1/4x3/4	X1D85	100	24	49.5	4.00
1/4x1	X1D54	75	24	42.2	3.00
1/4x1 1/2	X1D78	75	18	39.0	3.75
1/4x2	X1D41	50	18	31.2	3.00
1/4x2 1/2	X1D69	50	18	24.4	3.50

FLAT HEAD STOVE BOLTS Zinc Plated Finish with Nuts L2777J

Size in.	Per Box	No. in Box	Boxes in Ctn.	Wt. Ctn. lbs.	Per Box
3/16x3/4	X1D24	100	24	26.3	\$2.50
3/16x1	X1D34	100	24	29.8	3.00
3/16x1 1/2	X1D23	75	24	28.0	2.25
3/16x2	X1D54	75	18	25.3	3.00
3/16x2 1/2	X2D34	100	12	26.1	5.00
1/4x3/4	X1D85	100	24	49.5	4.00
1/4x1	X1D54	75	24	42.2	3.00
1/4x1 1/2	X1D78	75	18	39.0	3.75
1/4x2	X1D41	50	18	31.2	3.00
1/4x2 1/2	X1D69	50	18	35.9	3.50

CUT THREAD MACHINE BOLTS

BRIGHT ZINC PLATED

K5539J

Diam., ins.	Qty. in Box	Per 100	Wt. 100, lbs.
1/4x3	100	X2D50	5.35
1/4x3 1/2	100	X2D76	6.03
5/16x1	100	X2D35	4.75
5/16x2 1/2	100	X3D33	7.80
3/8x1	100	X3D22	7.39
1/2x1	50	X6D17	15.1

CUT THREAD CARRIAGE BOLTS

BRIGHT ZINC PLATED

K5540J

Diam., ins.	Qty. in Box	Per 100	Wt. 100, lbs.
5/16x1 1/2	50	X2D44	5.53
5/16x2	50	X2D76	6.51
5/16x2 1/2	50	X3D06	7.54
5/16x3 1/2	50	X3D68	9.61
3/8x2	50	X3D69	10.1
3/8x3 1/2	50	X5D08	14.5
3/8x4	50	X5D55	16.0
1/2x2	50	X6D90	19.5
1/2x2 1/2	50	X7D81	22.2
1/2x5	25	X11D44	35.4

CUT THREAD LAG BOLTS

BRIGHT ZINC PLATED

K5541J

Diam., ins.	Qty. in Box	Per 100	Wt. 100, lbs.
5/16x2	50	X2D71	4.58
5/16x2 1/2	50	X3D06	5.65
3/8x2	50	X3D33	6.56
3/8x2 1/2	50	X3D81	8.05

Sold Only In Full Boxes

AMERICAN STANDARD SQUARE HEAVY TAPPED NUTS

(U. S. Standard) Sizes



M2152J-HST

(Specify Size)

For Shipment from Stock in Boxes

Bolt Size, in.	D4C8%	Thick- ness, ins.	Width, in.	Thds., to ins.	Wt. 100, lbs.	Qty. in Box	▲ Per 100
1/4	D8C4★	1/4	1/2	20	1.43	200	\$1.43 3/4
7/16	X2D30	7/16	25/32	14	5.70	100	3.96 3/4
3/4	X8D24★	3/4	1 1/4	10	23.1	50	14.20 1/4
1	X17D07	1	1 5/8	8	51.4	20	29.61 1/4

Sold Only In Full Boxes

FINISHED HEXAGON NUTS



Finished Hex Nuts

National Fine

F3069J-SFA

(Specify Size)

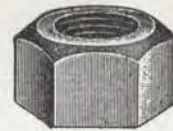
In Boxes

Bolt Size, ins.	Per 100	Width, ins.	Thick., ins.	Thds. to inch	Wt. Box, lbs.	Qty. in Box	▲ Per 100
1/4	D4C7	7/16	7/32	28	.72	200	\$1.09 1/4
5/16	D6C1★	1/2	17/64	24	1.06	200	1.43 3/4
3/8	D7C8★	9/16	21/64	24	1.53	100	1.84
One hundred in box							
7/16	X1D25	5/8	3/8	20	2.1	100	3.04 3/4
1/2	X1D56	3/4	7/16	20	3.6	50	3.68
9/16	X2D24	7/8	31/64	18	5.62	50	5.17 1/2
5/8	X2D99★	15/16	35/64	18	6.92	50	6.55 3/4
3/4	X5D39	31/32	11/16	16	9.9	50	12.65

Fifty in box

Sold Only In Full Boxes

SEMI-FINISHED HEXAGON NUTS



Regular Chamfer

National Coarse—American Standard, Heavy

F3124J-SFUR

(Specify Size)

In Boxes

Bolt Size, ins.	Per 100	Width, ins.	Thick- ness, ins.	Thds. to inch	Wt. Box, lbs.	No. in Box	▲ Per 100
1/4	D4C7★	1/2	15/64	20	1.2	200	\$1.09 1/4
5/16	D6C1★	9/16	19/64	18	2.	200	1.43 3/4
3/8	D7C8★	11/16	23/64	16	3.2	100	1.84
7/16	X1D25	3/4	27/64	14	4.7	100	3.04 3/4
1/2	X1D56★	7/8	31/64	13	6.7	50	3.68
9/16	X2D21	15/16	35/64	12	9.	50	5.17 1/2
5/8	X2D99★	1 1/16	39/64	11	11.9	50	6.55 3/4
3/4	X5D39★	1 1/4	47/64	10	19.2	50	12.65
7/8	X7D94	1 7/16	55/64	9	29.2	25	18.63
1	X14D68	1 5/8	63/64	8	42.3	20	27.95

Sold Only In Full Boxes

One Source—

One Responsibility



SHAPLEIGH HARDWARE CO.
ST. LOUIS, MISSOURI

NOTE—On Orders of 10 Boxes or More Deduct D0C5%

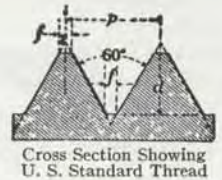
STAR ★ DENOTES BEST SELLER

NOTE—When Ordering Above Full boxes, Deduct D0C5%

U. S. STANDARD THREAD HEXAGON HEAD STEEL CAP SCREWS



The length of threads on U. S. S. cap screws is 2 times the diameter of screw plus 1/4-inch. Cap screws too short to take a formula length will be threaded as near to the head as practical.



Coarse Thread (NC) STOCK SIZES F2622J-USSC

Diam., ins.	Length, ins.	D4C0% Per 100	Diameter Head, ins.	Length Head, ins.	Threads to inch	Wt. 100, lbs.	▲ Per 100	Diam., ins.	Length, ins.	D4C0% Per 100	Diameter Head, ins.	Length Head, ins.	Threads to inch	Wt. 100, lbs.	▲ Per 100
1/4x1/2		D9C0	7/16	5/32	20	1 1/4	\$1.50	7/16x3/4		X2D70	5/8	9/32	14	5 1/2	\$4.50
1/4x3/4		D9C6★	7/16	5/32	20	1 3/4	1.60	7/16x1		X2D76★	5/8	9/32	14	7	4.60
1/4x1		X1D★02	7/16	5/32	20	2 1/4	1.70	7/16x1 1/4		X3D00	5/8	9/32	14	7 1/2	5.00
1/4x1 1/4		X1D11	7/16	5/32	20	1 1/2	1.85	One hundred in box							
1/4x1 1/2		X1D20★	7/16	5/32	20	2 3/4	2.00	7/16x1 1/2		X3D24★	5/8	9/32	14	8 1/2	5.40
1/4x1 3/4		X1D32	7/16	5/32	20	3	2.20	7/16x2		X3D78	5/8	9/32	14	10	6.30
1/4x2		X1D44★	7/16	5/32	20	3 1/8	2.40	7/16x2 1/2		X4D44	5/8	9/32	14	12	7.40
1/4x2 1/2		X1D83	7/16	5/32	20	4	3.05	7/16x3		X5D22★	5/8	9/32	14	14 3/4	8.70
1/4x3		X2D58★	7/16	5/32	20	4 1/2	4.30	7/16x3 1/2		X6D42	5/8	9/32	14	17	10.70
1/4x3 1/2		X3D30	7/16	5/32	20	5 1/2	5.50	7/16x4		X7D62	5/8	9/32	14	19	12.70
1/4x4		X4D50	7/16	5/32	20	6	7.50	7/16x4 1/2		X9D30	5/8	9/32	20	20 1/2	15.50
5/16x1/2		X1D20	1/2	13/64	18	2	2.00	7/16x5		X10D98	5/8	9/32	20	22 3/4	18.30
5/16x3/4		X1D26★	1/2	13/64	18	2 1/2	2.10	Fifty in box							
5/16x1		X1D38★	1/2	13/64	18	3 1/4	2.30	1/2x3/4		X3D42	3/4	5/16	13	9	5.70
5/16x1 1/4		X1D50	1/2	13/64	18	3 1/2	2.50	1/2x1		X3D60★	3/4	5/16	13	10 1/8	6.00
5/16x1 1/2		X1D65★	1/2	13/64	18	4 1/8	2.75	1/2x1 1/4		X3D93	3/4	5/16	13	11 1/2	6.55
5/16x1 3/4		X1D80	1/2	13/64	18	4 1/2	3.00	One hundred in box							
5/16x2		X1D98★	1/2	13/64	18	5 1/4	3.30	1/2x1 1/2		X4D26★	3/4	5/16	13	12 1/2	7.10
5/16x2 1/2		X2D46	1/2	13/64	18	6 3/4	4.10	1/2x1 3/4		X4D59	3/4	5/16	13	13 1/2	7.65
5/16x3		X2D94	1/2	13/64	18	7 1/4	4.90	1/2x2		X4D95★	3/4	5/16	13	15	8.25
5/16x3 1/2		X4D14★	1/2	13/64	18	8 1/2	6.90	1/2x2 1/4		X5D37	3/4	5/16	13	16 2/8	8.95
5/16x4		X5D52	1/2	13/64	18	9 1/2	9.20	1/2x2 1/2		X5D79★	3/4	5/16	13	17 1/4	9.65
3/8x1/2		X1D68	9/16	15/64	16	4	2.80	1/2x3		X6D66★	3/4	5/16	13	19 1/8	11.10
3/8x3/4		X1D74★	9/16	15/64	16	4 1/4	2.90	1/2x3 1/2		X7D86	3/4	5/16	13	23	13.10
3/8x1		X1D86★	9/16	15/64	16	5	3.10	1/2x4		X9D66★	3/4	5/16	13	26	15.10
3/8x1 1/4		X2D04	9/16	15/64	16	6	3.40	1/2x4 1/2		X10D98	3/4	5/16	13	28 1/2	18.30
3/8x1 1/2		X2D25★	9/16	15/64	16	6 1/2	3.75	1/2x5		X12D90	3/4	5/16	13	31 1/2	21.50
3/8x1 3/4		X2D46	9/16	15/64	16	7	4.10	1/2x6		X17D10	3/4	5/16	13	37	28.50
3/8x2		X2D67★	9/16	15/64	16	7 1/2	4.45	Fifty in box							
One hundred in box								9/16x1 1/2		X7D08★	13/16	23/64	12	15 1/2	11.80
3/8x2 1/4		X2D94	9/16	15/64	16	8 1/2	4.90	9/16x2		X7D80	13/16	23/64	12	16	13.00
3/8x2 1/2		X3D21	9/16	15/64	16	9	5.35	9/16x2 1/2		X8D94	13/16	23/64	12	22	14.90
3/8x3		X3D87	9/16	15/64	16	10	6.45	9/16x3		X10D08	13/16	23/64	12	25	16.80
3/8x3 1/2		X5D07	9/16	15/64	16	11 1/2	8.45	9/16x4		X12D48	13/16	23/64	18	31 3/4	20.80
3/8x4		X6D45★	9/16	15/64	16	13 3/4	10.70	9/16x4 1/2		X14D40	13/16	23/64	18	35 1/4	24.00
3/8x4 1/2		X7D95	9/16	15/64	16	15 1/4	13.25	9/16x5		X16D36	13/16	23/64	18	38 3/4	27.20
3/8x5		X9D45	9/16	15/64	16	16 3/4	15.75	9/16x6		X20D52	13/16	23/64	18	45 3/4	34.20
Fifty in box								Twenty-five in box							

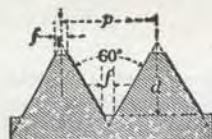
Direct Shipment

Above items may be shipped direct from factory, F. O. B., Rockford, Ill., Cleveland, Ohio. Prices same as from stock.

STAR ★ DENOTES BEST SELLER

NOTE—When Ordering Full Boxes Deduct D0C5%

U. S. STANDARD THREAD HEXAGON HEAD CAP SCREWS

Cross Section Showing
U. S. Standard Thread

The length of threads on U. S. S. cap screws is two times the diameter of the screw plus $\frac{1}{4}$ inch.
Cap screws too short to take a formula length will be threaded as near to the head as practical.

Coarse Thread (NC)

STOCK SIZES

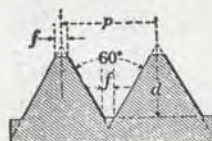
F2622J-USSC

Diam. Screw, ins.	Lgth., ins.	D4C0% Per 100	Diameter Head, ins.	Length Head, ins.	Threads to inch	Wt. 100, lbs.	▲ Per 100
$\frac{5}{8} \times 1$		X7D26	$\frac{15}{16}$	$\frac{25}{64}$	11	16	\$12.10
$\frac{5}{8} \times 1\frac{1}{4}$		X7D26	$\frac{15}{16}$	$\frac{25}{64}$	11	17	12.10
$\frac{5}{8} \times 1\frac{1}{2}$		X7D65★	$\frac{15}{16}$	$\frac{25}{64}$	11	19 $\frac{1}{2}$	12.75
$\frac{5}{8} \times 1\frac{3}{4}$		X8D10	$\frac{15}{16}$	$\frac{25}{64}$	11	21 $\frac{1}{2}$	13.50
$\frac{5}{8} \times 2$		X8D70★	$\frac{15}{16}$	$\frac{25}{64}$	11	23 $\frac{3}{4}$	14.50
$\frac{5}{8} \times 2\frac{1}{4}$		X9D30	$\frac{15}{16}$	$\frac{25}{64}$	11	26	15.50
Fifty in box							
$\frac{5}{8} \times 2\frac{1}{2}$		X9D90★	$\frac{15}{16}$	$\frac{25}{64}$	11	28	16.50
$\frac{5}{8} \times 3$		X11D10	$\frac{15}{16}$	$\frac{25}{64}$	11	32	18.50
$\frac{5}{8} \times 3\frac{1}{2}$		X12D42★	$\frac{15}{16}$	$\frac{25}{64}$	11	37	20.70
$\frac{5}{8} \times 4$		X13D74	$\frac{15}{16}$	$\frac{25}{64}$	11	41	22.90
$\frac{5}{8} \times 4\frac{1}{2}$		X15D72	$\frac{15}{16}$	$\frac{25}{64}$	11	45	26.20
$\frac{5}{8} \times 5$		X17D70	$\frac{15}{16}$	$\frac{25}{64}$	11	49	29.50
$\frac{5}{8} \times 6$		X23D40	$\frac{15}{16}$	$\frac{25}{64}$	18	57 $\frac{1}{2}$	39.00

Twenty-five in box

Diam. Screw, ins.	Lgth., ins.	D2C6 $\frac{1}{4}$ % Per 100	Diameter Head, ins.	Length Head, ins.	Threads to inch	Wt. 100, lbs.	▲ Per 100
$\frac{3}{4} \times 1\frac{1}{2}$		X12D39	$1\frac{1}{8}$	$\frac{15}{32}$	10	29 $\frac{1}{2}$	\$16.80
$\frac{3}{4} \times 1\frac{3}{4}$		X13D20	$1\frac{1}{8}$	$\frac{15}{32}$	16	32 $\frac{1}{4}$	17.90
Twenty-five in box							
$\frac{3}{4} \times 2$		X14D01★	$1\frac{1}{8}$	$\frac{15}{32}$	10	35	19.00
Fifty in box							
$\frac{3}{4} \times 2\frac{1}{2}$		X15D63★	$1\frac{1}{8}$	$\frac{15}{32}$	10	42	21.20
$\frac{3}{4} \times 3$		X17D25	$1\frac{1}{8}$	$\frac{15}{32}$	10	48	23.40
$\frac{3}{4} \times 3\frac{1}{2}$		X19D32	$1\frac{1}{8}$	$\frac{15}{32}$	10	54	26.20
$\frac{3}{4} \times 4$		X21D38★	$1\frac{1}{8}$	$\frac{15}{32}$	10	60	29.00
$\frac{3}{4} \times 5$		X27D28	$1\frac{1}{8}$	$\frac{15}{32}$	10	72	37.00
$\frac{7}{8} \times 2$		X25D44	$1\frac{5}{16}$	$\frac{25}{64}$	14	51	34.50
$\frac{7}{8} \times 2\frac{1}{2}$		X28D39	$1\frac{5}{16}$	$\frac{35}{64}$	9	58	38.50
$\frac{7}{8} \times 3$		X31D71★	$1\frac{5}{16}$	$\frac{35}{64}$	9	67	43.00
Twenty-five in box							
$\frac{7}{8} \times 4$		X38D35	$1\frac{5}{16}$	$\frac{35}{64}$	14	84 $\frac{1}{2}$	52.00
Twenty in box							
$\frac{7}{8} \times 5$		X47D20	$1\frac{5}{16}$	$\frac{35}{64}$	14	101 $\frac{1}{2}$	64.00
$\frac{7}{8} \times 6$		X63D42	$1\frac{5}{16}$	$\frac{35}{64}$	14	118 $\frac{1}{2}$	86.00
Fifteen in box							

U. S. STANDARD THREAD SQUARE HEAD SET SCREWS

Cross Section Showing
U. S. Standard Thread

Coarse Thread (NC)

Case Hardened—Cup Point

STANDARD LIST

F2594J-USS

Diam. Screw, ins.	Lgth., ins.	Plus-D1C2% Per 100	Threads to in.	Wt. lbs., per 100	▲ Per 100
$\frac{1}{4} \times \frac{1}{2}$		X3D13	20	$\frac{3}{4}$	\$2.80
$\frac{1}{4} \times \frac{3}{4}$		X3D24★	20	1	2.90
200 in box					
$\frac{1}{4} \times 1$		X3D64	20	1 $\frac{3}{8}$	3.25
$\frac{1}{4} \times 1\frac{1}{2}$		X4D42	20	1 $\frac{1}{2}$	3.95
100 in box					
$\frac{5}{16} \times 1\frac{1}{2}$		X3D52	18	1 $\frac{1}{4}$	3.15
200 in box					
$\frac{5}{16} \times \frac{3}{4}$		X3D64	18	1 $\frac{1}{2}$	3.25
$\frac{5}{16} \times 1$		X3D97★	18	2	3.55
$\frac{5}{16} \times 1\frac{1}{2}$		X4D70	18	2 $\frac{3}{4}$	4.20
100 in box					

Diam. Screw, ins.	Lgth., ins.	Plus-D1C2% Per 100	Threads to in.	Wt. lbs., per 100	▲ Per 100
$\frac{3}{8} \times \frac{3}{4}$		X4D20	16	2 $\frac{3}{4}$	\$3.75
$\frac{3}{8} \times 1$		X4D82★	16	3 $\frac{1}{4}$	4.30
$\frac{3}{8} \times 1\frac{1}{4}$		X5D37	16	3 $\frac{3}{4}$	4.80
$\frac{3}{8} \times 1\frac{1}{2}$		X5D88	16	4 $\frac{1}{4}$	5.25
$\frac{7}{16} \times \frac{3}{4}$		X6D10	14	4	5.45
$\frac{7}{16} \times 1$		X6D33★	14	5	5.65
$\frac{1}{2} \times \frac{3}{4}$		X7D45	13	5	6.65
$\frac{1}{2} \times 1$		X7D67★	13	6 $\frac{1}{4}$	6.85
$\frac{1}{2} \times 1\frac{1}{2}$		X9D35	13	8 $\frac{3}{4}$	8.35
100 in box					
$\frac{5}{8} \times 1$		X13D38	11	12	11.95
$\frac{5}{8} \times 1\frac{1}{2}$		X14D83	11	15 $\frac{1}{2}$	12.35
$\frac{5}{8} \times 2$		X15D90	11	17	14.20
Fifty in box					

Direct Shipment

Above items may be shipped direct from factory, F. O. B., Rockford, Ill., Cleveland Ohio. Prices same as from stock.

NOTE—When Ordering Full Boxes Deduct D0C5%

STAR ★ DENOTES BEST SELLER

HOLLOW SET SCREWS

ALLEN'S HEX SOCKET



Now made in most sizes by the Allen "Pressur-formd" Process which so shapes the metal fibers as to reduce fatigue failure and provides a strong-walled socket that will withstand extreme key pressure. Allen lead screw threading guarantees smooth, precision threads, deep true sockets are accurately centered—smooth walled and smooth bottomed.

Drawn from special analysis alloy steel (Allenoy) properly annealed, normalized, hardened and tempered. Precision threaded to assure highest degree of thread accuracy.

F2587J-295

American National Coarse (U. S. S.) Threaded

Hexagon Socket—Cup joint (Also specify diameter and length)

Diam. ins.	Per 100	Wt. 100, ozs.	Each	Diam. ins.	Per 100	Wt. 100, ozs.	Each	Diam. ins.	Per 100	Wt. 100, ozs.	Each
10x1/4	X4D00	1/8	\$0.06	5/16x5/16	X4D20	1/2	\$0.06	3/8x1/2	X4D80★	1 1/8	\$0.07
1/4x1/4	X4D08★	1/4	.06	5/16x3/8	X4D30★	5/8	.06	3/8x3/4	X5D90	1 3/4	.09
1/4x5/16	X4D13	5/16	.06	5/16x1/2	X4D70★	3/4	.07	1/2x1/2	X7D40★	2	.12
1/4x3/8	X4D30★	3/8	.07	5/16x5/8	X5D15	1	.07	1/2x3/4	X8D75	2 3/4	.13
1/4x1/2	X4D65★	1/2	.07	5/16x3/4	X5D70	1 1/16	.08				
1/4x3/4	X5D50	3/4	.08	3/8x3/8	X4D40	1 5/16	.07				
100 in box, with one key				100 in box, with one key				100 in box, with one key			

Specifications Covering Hexagon Socket Set Screws

Diameter.....	No. 10	1/4	5/16	3/8	1/2	5/8
Diameter		in.	in.	in.	in.	in.
Max. in.....	1.90					
Amer. Nat. Coarse						
Threads, per in.....	24	20	18	16	13	11
Size of Hex. Hole.....	3/32	1/8	5/32	3/16	1/4	5/16
Tap Drill	No. 25	No. 7	F	5/16	27/64	17/32
Required.....	.1495	.2010	.2570	.3125	.4219	.5312
	in.	in.	in.	in.	in.	in.

HOLLOW SET SCREWS ASSORTMENT

ALLEN'S HEX SOCKET

Used in tool cribs, home work shops, service stations and garages.

Cup Point

Contains the Following:

Quantity	Diameter Nos.	Length inch	Quantity	Diameter inch	Length inch
10	10	3/16	10	5/16	5/16
10	10	1/4	10	5/16	3/8
			10	3/8	3/8
			10	3/8	1/2
Quantity	Diameter inch	Length inch	10	1/2	1/2
10	1/4	1/4	10	1/2	5/8
10	1/4	3/8	10	5/8	5/8
			5	5/8	1

Two keys each included for No. 10, 1/4, 5/16, 3/8 and 1/2 inch Set Screws.
One key for 5/8 inch Set Screws.

(608)

Per Asst.	Per Asst.
F2581J X8D50★.....	\$12.75
One asst. in ctn. Wt. ctn. 2 1/4 lbs.	

Direct Shipment

All above numbers may be shipped direct from factory, F. O. B., Hartford Conn. In 100 lbs. or more, full freight allowed. Less than 100 lbs., no freight allowed.

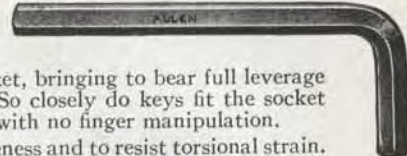
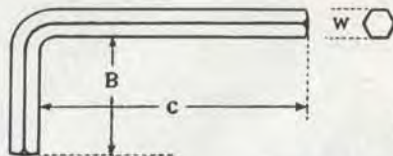
STAR ★ DENOTES BEST SELLER

HEXAGON KEYS

ALLEN'S NORMALIZED For Use with Allen Hexagon Hole Products

These keys engage snugly right down to the bottom of the socket, bringing to bear full leverage for tight set-ups. Ends ground for easy insertion in the hex hole. So closely do keys fit the socket that small screws may be held on the ends of the keys and started with no finger manipulation.

Made of Allenoy steel, heat treated and tempered to avoid brittleness and to resist torsional strain.



F2586J-291/S—Short Arm Series (When ordering give diameter of Hex)

Key Size Across Flats Diam., Hex, in.	Length Arm, ins.	Length Head, in.	Wt. Box, lbs.	Each
(W) Each	(C)	(B)		
.050 D0C3	1 3/4	9/16	1 1/8	\$0.05
1/16 D0C3 ★	1 3/4	9/16	1 1/4	.05
5/64 D0C3 ★	1 7/8	39/64	1 1/2	.05
3/32 D0C3 1/2 ★	2	21/32	5/8	.06
1/8 D0C3 1/2 ★	2 1/4	3/4	1 1/4	.06
5/32 D0C4 1/2 ★	2 1/2	27/32	2 3/8	.08
3/16 D0C5 1/2 ★	2 3/4	15/16	3 1/4	.09
One hundred in box				
7/32 D0C6 1/2	3	1 1/2	2 1/2	.11
1/4 D0C8	3 1/4	1 1/8	3 3/8	.13
5/16 D1C3 ★	3 3/4	1 1/4	6	.22
Fifty in box				
3/8 D2C1	4 1/4	1 3/8	4 7/8	.30
1/2 D4C2	5 1/4	1 5/8	10 3/4	.60
Twenty-five in box				

F2585J-291/L—Long Arm Series

(When ordering give diameter of Hex)

Key Size Across Flats Diam., Hex, in.	Length Arm, ins.	Length Head, in.	Wt. Box, lbs.	Each
(W) Each	(C)	(B)		
1/8 D0C6 ★	3 3/4	3/4	1 3/4	\$0.09
5/32 D0C7 ★	4 1/8	27/32	3	.11
3/16 D0C9 ★	4 1/2	15/16	4 7/8	.15
One hundred in box				
7/32 D1C0	4 7/8	1 1/2	3 1/2	.15
5/16 D2C0	6	1 1/4	8 1/2	.30
Fifty in box				

Interchangeability of Allen Hex Keys

Key Size Across Flats, (W)	.050	1/16	5/64	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8	1/2
Fits These:												
Set Screws.....	No. 3-4	Nos. 5-6	No. 8	No. 10-12	1/4	5/16	3/8	7/16	1/2-9/16	5/8	3/4	7/8
Socket Head Cap Screws.....	....	....	No. 3-4	Nos. 5-6	No. 8	No. 10-12	1/4	5/16	....	3/8, 1/2	1/2-9/16	5/8
Shoulder Screws.....	....	....	....	....	1/4	5/16	3/8	....	1/2	5/8	3/4	1
Pipe Plugs.....	....	....	....	....	....	1/16	1/8	....	1/4	3/8	1/2	....

In Sets

For Set and Cap Screws

Consists of seven short-arm keys—

One each Nos. 291/S—.050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4 in. to fit set screws Nos. 8, 10, 1/4, 5/16, 3/8, 1/2 and cap screws Nos. 4, 5, 6, 8, 10, 1/4 and 5/16 inch.

Each set in a strong leatherette pouch with snap button fastener.

(604)

Per Set	Per Set
F2578J D5C0 ★	\$0.75

Loose. Wt. set 2 ozs.

VEST-VAC-KIT

For Hexagon Socket Screws

Consists of six short-arm keys—

One each Nos. 291/S—.050, 1/16, 5/64, 3/32, 1/8, 5/32, to fit set screws Nos. 4, 5 & 6, 8, 10 & 12, 1/4, 5/16 inch and cap screws Nos. 1 & 2, 3 & 4, 5 & 6, 8, 10 & 12 inch.

Each set in a black leatherette case with snap button fastener.

(605)

Per Set	Per Set
F2579J D4C5	\$0.70

Wt. set 1 oz.

For Set and Cap Screws

Consists of eleven short-arm keys—

One each Nos. 291/S—.050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, to fit set screws Nos. 4, 5 & 6, 8, 10, 1/4, 5/16, 3/8, 1/2, 5/8, and inch and cap screws Nos. 4, 5 & 6, 8, 10, 1/4, 5/16, 3/8, 1/2, and 5/8 inch.

Each set in a green leatherette pouch with snap button fastener.

(606)

Per Set	Per Set
F2580J X1D10 ★	\$1.65

Wt. set 8 ozs.

ALLEN KEY ISLAND

Especially Designed for the Work Bench

Contains fourteen keys fitting all sizes of set screws up to and including 1 1/4 inch. Cap screws up to and including 1 inch. Flat head cap screws up to and including 3/4 inch. Shoulder screws up to and including 1 inch and pipe plugs up to and including 1 inch.

Metal stand plainly labeled to show the correct size of key to use with each screw.

(615)

Per Set	Per Set
F2582J X4D70	\$7.25

One set in cardboard box. Wt. set 3 1/2 lbs.

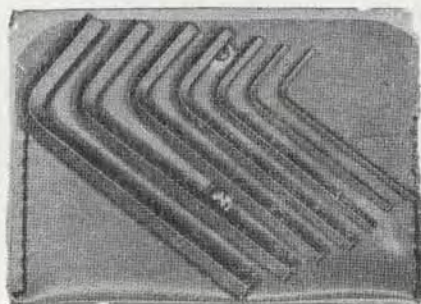
Direct Shipment

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STAR ★ DENOTES BEST SELLER

HEXAGON KEY SETS

SUPERIOR



A volume seller by all classes of trade. Chrome nickel steel plated finish.

Consists of one each $\frac{5}{64}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$ and $\frac{1}{4}$ inch keys.

Seven-Piece Set

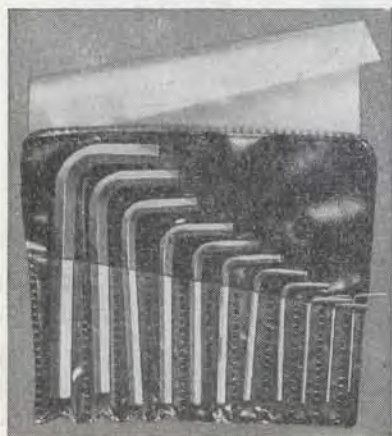
(7CP)

Per Set		Per Set
F2577J	D3C5★.....	\$0.60

One set in transparent plastic env. kit

Wt. 3 ozs.

SUPERIOR



Chrome nickel alloy steel plated finish. Sizes .050 inch to and including $\frac{3}{8}$ inch.

Eleven-Piece Set

(0511SP)

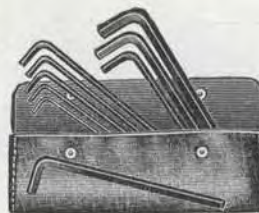
Per Set		Per Set
F2583J	D7C5.....	\$1.20

One set in transparent plastic pocket kit

Wt. $8\frac{1}{2}$ ozs.

HEXAGON KEY KIT

ALLEN



Particularly adapted to oil burner installation and service work. Set contains 9 plated extra long arm (6 inch length) Allen Hex keys in vinyl plastic, snap button envelope.

Keys range from $\frac{5}{64}$ inches through $\frac{3}{8}$ inch hex diameter. Fits screws from No. 8 through $\frac{3}{4}$ inch and cap screws from No. 3 through $\frac{5}{16}$ inch.

Size of envelope $8 \times 2\frac{3}{4}$ inches.

Nine-Piece Set

(616)

Per Kit		Per Kit
F2575J	X2D10.....	\$3.15

One asst. in kit. Wt. kit 1 lb.

KEY AND PIN STOCK ASSORTMENT

GILLEN



Individual pieces of key and pin stock made up of squares. Selected steel of special tolerances. Provide convenient 12 inch lengths of steel that can be cut up and shaped to most popular sizes of keys and pins.

Valuable in maintenance departments for machinery manufacturers, boat builders, implement dealers and farmers.

Consists of one 12 inch length of the twelve following sizes of key stock:

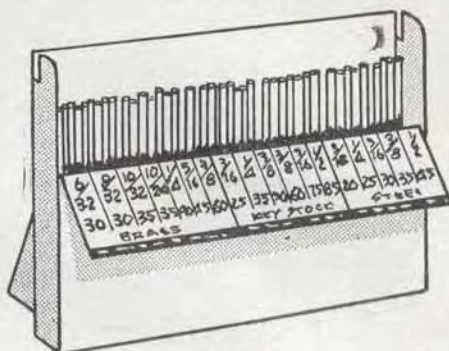
$\frac{1}{8} \times \frac{1}{8}$	$\frac{1}{4} \times \frac{3}{16}$
$\frac{5}{16} \times \frac{1}{4}$	$\frac{3}{8} \times \frac{1}{4}$
$\frac{3}{8} \times \frac{7}{16}$	$\frac{5}{8} \times \frac{5}{16}$
$\frac{3}{16} \times \frac{3}{16}$	$\frac{1}{4} \times \frac{1}{4}$
$\frac{3}{8} \times \frac{3}{16}$	$\frac{3}{8} \times \frac{5}{16}$
$\frac{7}{16} \times \frac{1}{2}$	$\frac{5}{8} \times \frac{3}{8}$

Per Asst.		Each
O-JGC2-J	X3D75.....	\$0.45

One asst. in ctn. Wt. ctn. 5 lbs.

THREADED RODS AND SQUARE KEY STOCK

REDI-BOLT



Shortie

(12-Inch Lengths)

Assortment

74 Pieces of 18 Best-Selling Items

Free dual merchandiser, included with assortment, stands as counter display or fits in Redi-Bolt floor display.

Assortment includes 12-inch lengths of following:

Redi-Bolt Brass Threaded Rods

5 Each—6-32, 8-32, 10-32, 10-24 (NC)

3 Each— $\frac{1}{4}$ -20, $\frac{5}{16}$ -18, $\frac{3}{8}$ -16 (NC)

Redi-Bolt Zinc Plated Steel Threaded Rod

5 Each— $\frac{3}{16}$, $\frac{1}{4}$ (NC)

3 Each— $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ (NC)

Redi-Key Zinc Plated Square Key Stock

5 Each— $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ inch

3 Each— $\frac{7}{16}$, $\frac{1}{2}$ inch.

Per Asst.

O-RB12-J X17D82.....

Per Asst.

\$29.70

One asst. in ctn. Wt. ctn. 17 lbs.

OPEN STOCK

(12-Inch Lengths)

Per Bundle		Size, in. Threads Per Inch	Pieces in Bundle	Wt. Bdle, lbs.	Per Bundle
Redi-Bolt Brass Threaded Rods					
O-BB6/32-J	X1D80	6-32	10	$\frac{1}{2}$	\$3.00
O-BB8/32-J	X1D80	8-32	10	$\frac{1}{2}$	3.00
O-BB10/32-J	X2D10	10-32	10	$\frac{3}{4}$	3.50
O-BB10/24-J	X2D10	10-24	10	1	3.50
O-BB $\frac{1}{4}$ /20-J	X1D20	$\frac{1}{4}$ -20	5	$\frac{3}{4}$	2.00
O-BB $\frac{5}{16}$ /18-J	X1D35	$\frac{5}{16}$ -18	5	1	2.25
O-BB $\frac{3}{8}$ /16-J	X1D80	$\frac{3}{8}$ -16	5	$1\frac{1}{2}$	3.00
Redi-Bolt Zinc Plated Steel Threaded Rods					
O-RZ $\frac{3}{16}$ /24-J	X1D20	$\frac{3}{16}$ -24	10	$\frac{3}{4}$	2.00
O-RZ $\frac{1}{4}$ /20-J	X1D50	$\frac{1}{4}$ -20	10	$1\frac{1}{4}$	2.50
O-RZ $\frac{5}{16}$ /18-J	D9C0	$\frac{5}{16}$ -18	5	1	1.50
O-RZ $\frac{3}{8}$ /16-J	X1D05	$\frac{3}{8}$ -16	5	$1\frac{1}{2}$	1.75
O-RZ $\frac{1}{2}$ /13-J	X1D35	$\frac{1}{2}$ -13	5	$2\frac{1}{2}$	2.25
Redi-Key Zinc Plated Steel Key Stock					
O-RK $\frac{3}{16}$ -J	X1D50	$\frac{3}{16}$ Sq.	10	$1\frac{1}{4}$	2.50
O-RK $\frac{1}{4}$ -J	X2D10	$\frac{1}{4}$ Sq.	10	2	3.50
O-RK $\frac{5}{16}$ -J	X3D00	$\frac{5}{16}$ Sq.	10	$3\frac{1}{2}$	5.00
O-RK $\frac{3}{8}$ -J	X3D60	$\frac{3}{8}$ Sq.	10	$4\frac{3}{4}$	6.00
O-RK $\frac{7}{16}$ -J	X2D25	$\frac{7}{16}$ Sq.	5	$3\frac{1}{4}$	3.75
O-RK $\frac{1}{2}$ -J	X2D55	$\frac{1}{2}$ Sq.	5	$4\frac{1}{4}$	4.25

REDI-BOLTS



For quick, on the job repairs. A boon to the farmer, hobbyist and home owner. Ever ready for every emergency involving broken bolts and rods. Can be bent into U-bolts, L-bolts and Eye-bolts and out to any length.

Cold drawn steel rods threaded the full length with precision cut threads to fit standard nuts. Coated for protection against rust and corrosion.

Attractive eye-catching floor display, uses a minimum of floor space.

Assortment of 31 Rods

Quantity	No.	Size, in.	Length, ft.	Each
5	RB1/4x3	1/4	3	\$0.60
5	RB5/16x3	5/16	3	.70
5	RB3/8x3	3/8	3	.80
5	RB7/16x3	7/16	3	.90
5	RB1/2x3	1/2	3	1.16
3	RB5/8x3	5/8	3	1.70
3	RB3/4x3	3/4	3	2.10

Per Asst.

Per Asst.

O-RB36-J X21D45★.....\$32.20

One asst. in bdl. Wt. bdl. 41 lbs.

OPEN STOCK

Per Bdl.	Size, in.	Lgth., ft.	No. in Bdl.	Wt. Bdl., lbs.	Each
O-RB1/4x3-J	D9C5★	1/4	3	5	2 \$0.60
O-RB5/16x3-J	X1D32	5/16	3	5	3 .70
O-RB3/8x3-J	X1D65★	3/8	3	5	4 .80
O-RB7/16x3-J	X2D15	7/16	3	5	5 3/4 .90
O-RB1/2x3-J	X2D55★	1/2	3	5	7 3/4 1.16
O-RB5/8x3-J	X2D45★	5/8	3	3	7 1/2 1.70
O-RB3/4x3-J	X3D55	3/4	3	3	11 2.10

Sold Only in Full Bundles

Assortment of 31 Rods

Quantity	No.	Size, in.	Length, ft.	Each
5	RB1/4x2	1/4	2	\$0.40
5	RB5/16x2	5/16	2	.47
5	RB3/8x2	3/8	2	.53
5	RB7/16x2	7/16	2	.64
5	RB1/2x2	1/2	2	.73
3	RB5/8x2	5/8	2	1.13
3	RB3/4x2	3/4	2	1.40

Per Asst.

Per Asst.

O-RB24-J X14D30★.....\$21.45

One asst. in bdl. Wt. bdl. 27 lbs.

OPEN STOCK

Per Bdl.	Size, in.	Lgth., ft.	No. in Bdl.	Wt. Bdl., lbs.	Each
O-RB1/4x2-J	D6C2★	1/4	2	5	1 1/4 \$0.40
O-RB5/16x2-J	D8C5	5/16	2	5	2 .47
O-RB3/8x2-J	X1D10★	3/8	2	5	2 3/4 .53
O-RB7/16x2-J	X1D46	7/16	2	5	3 3/4 .64
O-RB1/2x2-J	X1D70★	1/2	2	5	5 .73
O-RB5/8x2-J	X1D65★	5/8	2	3	5 1.13
O-RB3/4x2-J	X2D35	3/4	2	3	7 1/4 1.40

Sold Only in Full Bundles

REDI-RODS

Rounds, Bars and Angles

A complete assortment of bars—rounds, flats and angles to meet the needs of practically every customer. No cutting to size or wasted ends.

For use on farm, in home workshops, factories, auto repair shops, maintenance shops, etc.

Cold drawn steel rods, coated for protection against rust and corrosion.

Attractive eye-catching floor display, uses a minimum of floor space.

Assortment of 49 Bars

Rounds

Quantity	Length in.	Diameter in.	Each
5	36	1/4	\$0.39
5	36	5/16	.54
5	36	3/8	.72
3	36	7/16	.87
3	36	1/2	.99
2	36	5/8	1.44
2	36	3/4	1.89

Flats

Quantity	Length in.	Size in.	Each
5	36	3/4x1/8	\$0.52
5	36	1x1/8	.66
5	36	1 1/4x1/8	.78

Angles

Quantity	Length in.	Size in.	Each
3	36	1/8x1 1/4x1 1/4	\$1.36
3	48	1/8x1 1/4x1 1/4	1.78
3	60	1/8x1 1/4x1 1/4	2.20



DISPLAY AND STOCK

Per Asst.

Per Asst.

O-49-J X30D48★.....\$46.31

Wt. asst. 103 lbs.

OPEN STOCK

Rounds—36 inches Long

Per Bdl.	Diam., in.	No. in Bdl.	Wt. Bdl., lbs.	Each
O-RR1/4x36-J	X1D27★	1/4	5	2 1/2 \$0.39
O-RR5/16x36-J	X1D50	5/16	5	4 .54
O-RR3/8x36-J	X1D95★	3/8	5	5 5/8 .72
O-RR7/16x36-J	X2D40	7/16	5	7 3/4 .87
O-RR1/2x36-J	X3D00★	1/2	5	10 .99
O-RR5/8x36-J	X2D65★	5/8	3	9 1/4 1.44
O-RR3/4x36-J	X3D60	3/4	3	13 1/2 1.89

Sold Only in Full Bundles

Flats—36 inches Long

Per Bdl.	Size, in.	Wt. Bdl., lbs.	Each
O-RRF1/8x3/4x36-J	X1D70★	1/8x3/4	5 \$0.52
O-RRF1/8x1x36-J	X2D20★	1/8x1	6 1/2 .66
O-RRF1/8x1 1/4x36-J	X2D60★	1/8x1 1/4	8 .78

Five in bdl.

Sold Only in Full Bundles

Angles—Size 1/8x1 1/4 inches

Per Bdl.	Size, in.	Wt. Bdl., lbs.	Each
O-RR1/8x1 1/4x36-J	X2D70★	36	9 1/8 \$1.36
O-RR1/8x1 1/4x48-J	X3D57★	48	12 1/8 1.78
O-RR1/8x1 1/4x60-J	X4D41	60	15 1/4 2.20
O-RR1/8x1 1/4x72-J	X5D31	70	18 1/4 2.66

Three in bdl.

Sold Only in Full Bundles

FENCE AND GATE FITTINGS

CYCLONE

LATCH AND CATCH



Spring latch for gates with $1\frac{1}{8}$ inch O. D. frame. Open keepers. Without screws.

Latches

Each		Each
4-L2-J	X1D35★	\$1.95

Wt. each $\frac{3}{4}$ lb.

Loose

Catches

For No. L2 Latches

Each		Each
4-55GC-J	D1C5★	\$0.25

Wt. each $\frac{3}{16}$ lb.

Loose

CATCHES



For Gate Posts

Each		For Posts	Wt.	Each
		O. D. ins.	lbs.	
4-C102-J	D6C3	2	$\frac{5}{8}$	\$0.95
4-C104-J	D9C7	$2\frac{1}{2}$	$1\frac{1}{8}$	1.45
			Loose	

FORK LATCHES



For Wood Posts

Each		Each
4-C115-J	X2D45	\$3.70

Wt. each $1\frac{1}{4}$ lbs.

Loose

HINGES

For Gates with $1\frac{1}{8}$ -inch O. D. Frame

Each		Each
4-H5-J	D4C1★	\$0.65

Wt. each $\frac{1}{4}$ lb.

Loose

For $2\frac{1}{2}$ -inch O. D. Post

Each		Each
4-H9-J	X1D32	\$1.95

Wt. each $1\frac{1}{4}$ lbs.

Loose

HINGES



For 2-inch O. D. Post

Each		Each
4-H7-J	X1D05★	\$1.60

Wt. each $\frac{3}{4}$ lb.

Loose

SCREW HOOK HINGES



For Wood Posts

Length over all $5\frac{1}{8}$ inches with $2\frac{5}{8}$ inch thread. Cone point. Hinge pin $\frac{5}{8}$ inch diameter.

Each		Each
4-108-J	D4C8★	\$0.75

Wt. each $\frac{1}{2}$ lb.

Loose

POST DRIVERS



Heavy steel tubing with weighted end. Post is driven by placing driver over it and sliding driver up and down in a pile driver action. This sinks the post straight and true.

Length over all 36 inches

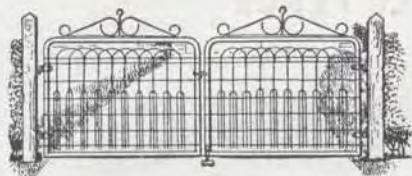
Diameter inside 2 inches

Each		Each
4-PD1-J	X3D10	\$4.65

Wt. each 15 lbs.

Loose

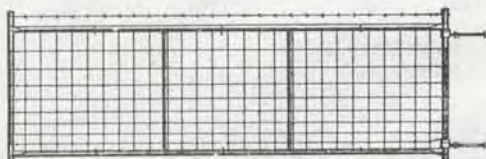
DRIVE GATES



Frame of 1 inch tubular steel, wired with No. 9½ gauge double bottom woven lawn fence. Hot dipped galvanized finish. Complete with hardware for wood posts.

Scroll Top

Each		Height, Opening,		Wt.	
		ins.	ft.	Each,	Each
				lbs.	
P-1042ST-JX	N-X18D65	42	10	45	\$27.95
P-1048ST-JX	N-X19D30	48	10	48	28.95
Plain Top					
P-1042PT-JX	N-X17D95	42	10	41	26.95
P-1048PT-JX	N-X18D55	48	10	44	27.85

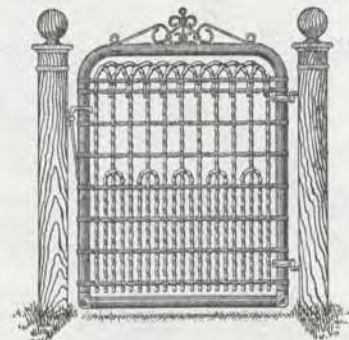


All steel welded construction. Frame of 1.66 inch steel tubing and .095 inch wall. One vertical brace on 10 and 12 foot and two on 14 and 16 foot gates. Frame wired with galvanized field fencing with No. 9 gauge top and bottom wires and No. 11 gauge stays and bars. Vertical stays are 6 inches apart, horizontal bars graduated from 3 inches at bottom to 8 inches at top. One strand of four point barb wire across top. Painted aluminum finish. Complete with adjustable steel hinges and chain fastener.

Each		Height, Opening,		Wt.	
		ins.	ft.	Each,	Each
				lbs.	
P-1054-JX	N-X16D90	54	10	70	\$25.50
P-1254-JX	N-X19D10	54	12	80	28.75
P-1454-JX	N-X21D95	54	14	95	32.95
P-1654-JX	N-X24D75	54	16	105	36.15

Loose

ORNAMENTAL WALK GATES



With Scroll Top

Heavy steel galvanized tubing frame with inside corner fittings. Heavy galvanized wire fabric woven into frame.

Complete with hinges and spring latch for wood posts.

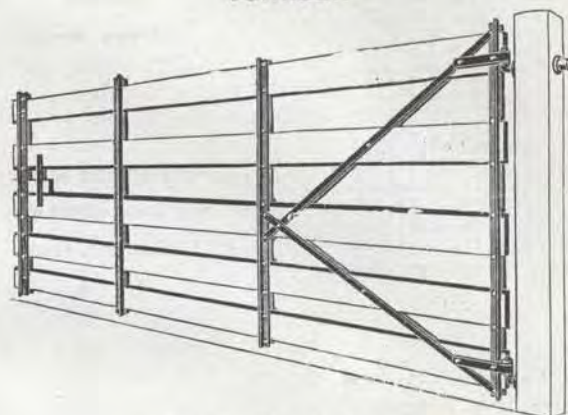
Each		Height,		Opening,		Wt.	
		ins.		ft.		Each,	Each
						lbs.	
4-WG3636-J	N-X6D20★	36		3		21	\$9.35
4-WG3642-J	N-X6D50	36		3½		23	9.75
4-WG4236-J	N-X6D50★	42		3		22	9.75
4-WG4242-J	N-X6D90	42		3½		24	10.35
4-WG4836-J	N-X6D90★	48		3		25	10.35
4-WG4842-J	N-X7D05	48		3½		27	10.65

Loose

STAR ★ DENOTES BEST SELLER

GATE SETS

JOHNSON



For The Handy Farmer

Make your own gate with five 1x6 inch boards. Bridge type construction insures a rigid gate. All high grade material. Complete with bolts and nuts and instruction sheet. Easy to assemble. All holes drilled.

Set consists of:

- 8—Angle uprights 52 inches long, 1x1 inch, ⅛ inch thick.
- 4—Diagonal braces (2—57¼ inches long, 2—53¼ inches long), 1 inch wide, ⅛ inch thick.
- 2—Heavy U-type hinges bolted through gate irons.
- 1—¾x10 inch bolt, washer and nut for top.
- 1—¾x6 inch cone point lag type bolt for bottom.
- 2—Latch guides 12¼ inches long.

For Gates From 10 ft. to 20 ft.

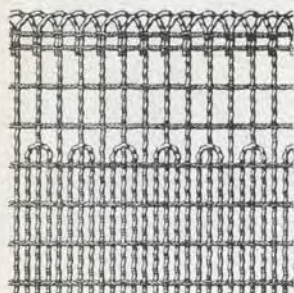
Without Lumber

Painted Red

Per Set		Per Set
O-FG1-F	X7D20.....	\$11.50
6 or more	X6D85	

One set in ctn. Wt. ctn. 32 lbs.

WOVEN LAWN FENCE


Double
100-Foot Rolls

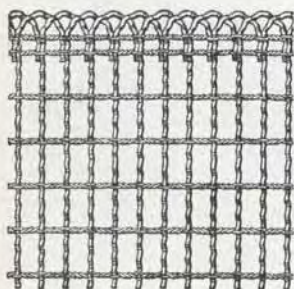
Cable wires $2\frac{3}{8}$ inches apart at top, balance 6 inches apart. Pickets $2\frac{1}{8}$ inches at top, $1\frac{1}{8}$ inches at bottom.

Galvanized Wire.
 $9\frac{1}{2}$ Gauge Pickets.
13 Gauge Cables.

Per Roll		Height, ins.	No. of Cables	Wt. Roll, lbs.	Per Roll
4-D36-JX	N-X26D35 ★	36	7	136	\$39.50
4-D42-JX	N-X30D15	42	8	160	45.25
4-D48-JX	N-X33D50	48	9	178	50.25

Galvanized Wire, 11 Gauge Pickets
13 Gauge Cables

4-D1136-JX	N-X20D30	36	7	105	33.45
4-D1142-JX	N-X25D55 ★	42	8	125	38.50
4-D1148-JX	N-X28D40	48	9	145	42.75


Single
100-Foot Rolls

Cable wire $2\frac{3}{8}$ inches apart at top, balance 6 inches apart. All picket spaces $2\frac{1}{8}$ inches.

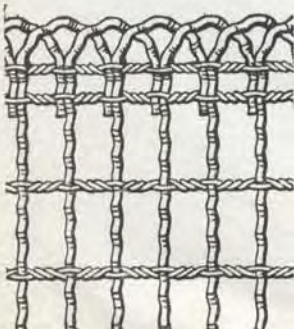
Galvanized Wire
 $9\frac{1}{2}$ Gauge Pickets
13 Gauge Cables

Per Roll		Height, ins.	No. of Cables	Wt. Roll, lbs.	Per Roll
4-S36-JX	N-X19D05 ★	36	7	108	\$28.75
4-S42-JX	N-X21D60	42	8	122	32.50
4-S48-JX	N-X24D40	48	9	135	36.75

Galvanized Wire, 11 Gauge Pickets.
13 Gauge Cables.

4-S1136-JX	N-X16D10 ★	36	7	88	24.25
4-S1142-JX	N-X18D45	42	8	99	27.75
4-S1148-JX	N-X20D60	48	9	144	30.90

WOVEN FLOWER BORDER

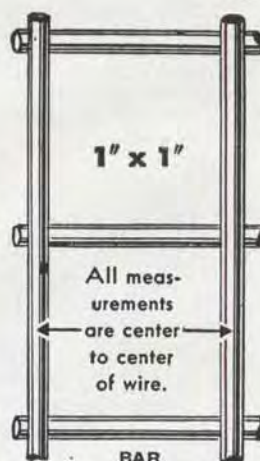

Galvanized Wire.
11 Gauge Pickets
13 Gauge Cables.

Cable wires $2\frac{3}{8}$ inches apart at top, balance 6 inches apart.

100-Foot Rolls

Per Roll		Height, ins.	Wt. Roll, lbs.	Per Roll
4-16-JX	N-X8D70	16	52	\$12.95
4-22-JX	N-X11D10	22	74	16.65

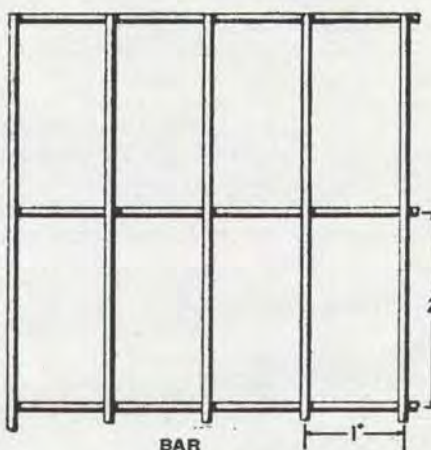
GALVANIZED WELDED STEEL FENCE


1" x 1"

All measurements
are center
to center
of wire.

Per Roll		Width, ins.	Wt. Roll, lbs.	Per Roll
4-1136-JX	N-X16D95 ★	36	76	\$24.45
4-1148-JX	N-X22D50	48	100	33.75

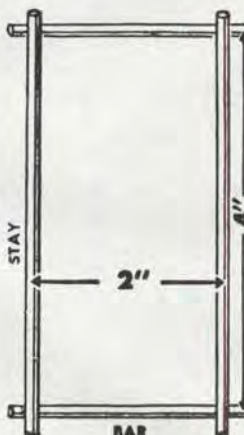
100 lineal feet in roll


1x2 Inch Mesh
14 Gauge

Mesh spacing:
Bars 2 inches,
Stays, 1 inch.

Per Roll		Width, ins.	Wt. Roll, lbs.	Per Roll
4-1236-JX	N-X19D35	36	95	\$28.95
4-1248-JX	N-X24D75 ★	48	126	37.15
4-1260-JX	N-X30D75	60	160	46.15

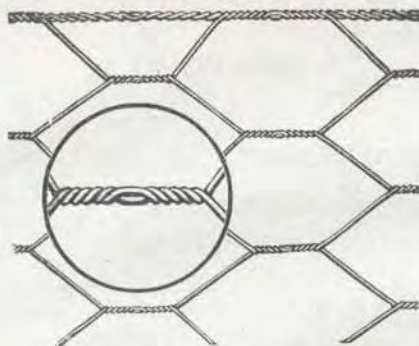
100 lineal feet in roll


4" x 2" MESH

Per Roll		Width, ins.	Wt. Roll, lbs.	Per Roll
4-4236-JX	N-X12D50	36	72	\$18.75
4-4248-JX	N-X16D60 ★	48	96	24.95
4-4260-JX	N-X20D75	60	120	31.15

100 lineal feet in roll

POULTRY NETTING



A very popular fence for poultry yard, is one with a 1 inch mesh next to the ground, 18 or 24 inches high, then above this the regular 2 inch mesh, 4 feet wide.

The lighter grades of large mesh netting are frequently used for enclosing poultry yards, while the heavier ones make substantial and attractive lawn and division fences.

Galvanized Steel Wire

Hexagon Mesh—Double Twisted

3 Strand Selvedges

STOCK SIZES

Galvanized Before Weaving

1 inch Mesh—20 Gauge Wires

150 Lineal Feet in a Roll

Per Roll		Width, ins.	Sq. Ft. in Roll	Approx. Wt. Roll lbs.	Per Roll
4-12/1/20-JX	N-X3D40	12	150	18	\$5.35
4-18/1/20-JX	N-X4D95	18	225	26	7.60
4-24/1/20-JX	N-X6D40★	24	300	34	9.95
4-30/1/20-JX	N-X7D95	30	375	42	12.35
4-36/1/20-JX	N-X9D30★	36	450	50	14.50
4-48/1/20-JX	N-X12D35★	48	600	66	19.35
4-60/1/20-JX	N-X15D30	60	750	75	23.95
4-72/1/20-JX	N-X18D30	72	900	90	28.75

50 Lineal Feet in Roll

4-24/1/50-JX	N-X2D55	24	100	12	3.85
4-36/1/50-JX	N-X3D50	36	150	17	5.25
4-48/1/50-JX	N-X4D25	48	200	22	6.40

2 inch Mesh—20 Gauge Wires

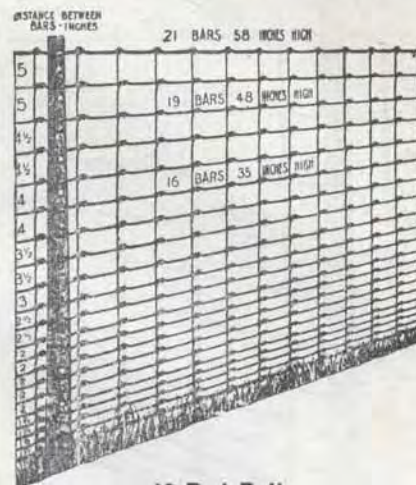
150 Lineal Feet in Roll

4-24/2/20-JX	N-X3D25★	24	300	17	5.10
4-36/2/20-JX	N-X4D70	36	450	24	7.25
4-48/2/20-JX	N-X6D20★	48	600	31	9.75
4-60/2/20-JX	N-X7D40★	60	750	37	11.55
4-72/2/20-JX	N-X8D75	72	900	45	13.65

50 Lineal Feet in Roll

4-48/2/50-JX	N-X2D50	48	200	10	3.75
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Sold Only in Full Rolls

POULTRY, RABBIT
AND GARDEN FENCE

10 Rod Rolls

Used as a poultry and rabbit fence. Also makes a good substantial garden fence.

Specifications No. 14½ P & R

No. 11 top wire. No. 11 bottom wire. No. 14½ intermediate wires. No. 14½ stay wires.

Style 14½ PR—6 inch Stays

Per Roll		Height ins.	No. of Horizontal Bars	Wt. Roll, lbs.	Per Roll
4-14½/PR/2158/6-JX	N-X14D35★	58	21	104	\$21.50
4-14½/PR/1948/6-JX	N-X12D95	48	19	93	19.50

POULTRY, RABBIT
AND GARDEN FENCE

Close Mesh



10 Rod Rolls

Specifications No. 14½ Chictite

No. 11 top wire. No. 11 bottom wire. No. 14½ intermediate wires. No. 14½ stay wires.

Per Roll		Ht. ins.	No. of Horizontal Bars	Wt. Roll, lbs.	Per Roll
4-14½/PR/2360/6-JX	N-X14D95	60	23	109	\$22.50
4-14½/PR/2048/6-JX	N-X13D25★	48	20	95	19.95

STOCK AND FIELD FENCE

DISTANCE BETWEEN BARS IN INCH		11 BARS	55	INCH
9		10 BARS	47	INCH
8		9 BARS	39	INCH
7		8 BARS	32	INCH
6		7 BARS	26	INCH
5½		6 BARS	20	INCH
5				
4½				
4				
3½				
3				

20 Rod Rolls

Specifications No. 11

No. 9 top wire. No. 9 bottom wire. No. 11 intermediate wires.
No. 11 stay wires.

Style 11—6 inch Stays

Per Roll		Ht., ins.	No. of Hori- zontal Bars	Wt. Roll, lbs.	Per Roll
4-11/726/6-JX	N-X23D35	26	7	184	\$34.95
4-11/832/6-JX	N-X26D95★	32	8	214	40.50
4-11/939/6-JX	N-X29D95	39	9	246	44.95

Specifications No. 12½

No. 10 top wire. No. 10 bottom wire. No. 12½ intermediate wires.
No. 12½ stay wires.

Style No. 12½—12 inch Stays

Per Roll		Ht., ins.	No. of Hori- zontal Bars	Wt. Roll, lbs.	Per Roll
4-12½/832/12-JX	N-X14D75	32	8	116	\$22.25

Style No. 12½—6 inch Stays

Per Roll		Ht., ins.	No. of Hori- zontal Bars	Wt. Roll, lbs.	Per Roll
4-12½/726/6-JX	N-X16D65	26	7	124	\$24.95
4-12½/832/6-JX	N-X19D25★	32	8	140	28.95
4-12½/939/6-JX	N-X21D85	39	9	168	32.95

BARBED FENCE WIRE

Full size strands. Smooth, even gauge. Uniform twist. Heavy coating of galvanizing.

TWO POINT



In 80 Rod Reels

Distance between barbs, 4 inches.

12½ Gauge Galvanized Wire Strands

Per Reel		Average Weight Per Reel, lbs.	Per Reel
11-GG812½-JX	N-X9D92	80½	\$14.95

FRONTIER

11 Gauge Galvanized Wire Strands

Per Reel		Average Weight Per Reel, lbs.	Per Reel
11-F2PT-JX	N-X8D80	63	13.20

(¼ mile) 1320 feet on reel

FOUR POINT



In 80 Rod Reels

Distance between barbs 5 inches.

12½ Gauge Galvanized Wire Strands

Per Reel		Average Weight Per Reel, lbs.	Per Reel
11-LG812½-JX	N-X10D76★	87¼	\$16.25

FRONTIER

11 Gauge Galvanized Wire Strands

Per Reel		Average Weight Per Reel, lbs.	Per Reel
11-F4PT-JX	N-X9D85	71	14.75

(¼ mile) 1320 feet on reel

Sold Only in Full Reels

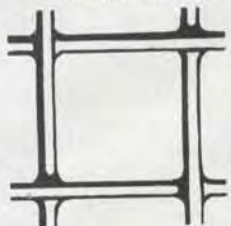
IMPORTANT!

Please use our Catalog
Numbers when ordering
as it will facilitate the
handling of your order.

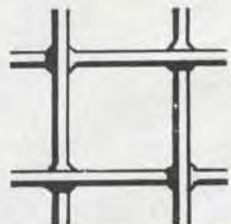
GALVANIZED HARDWARE CLOTH

Hardware Grade—In Rolls of 100 Lineal Feet

Used for sand screens, sieves, guards for factory, school and church windows, covering ventilators, ash sifters, chicken coops, tree guards and animal cages, fruit drying, etc. The deposit of metal at the intersections prevents the wires moving and makes a smooth joint.
The mesh in wire cloth is the number of squares to the inch, 4x4 mesh has four squares to an inch in either direction.

**3/4x3/4 Meshes to inch—17 Gauge Wire**

Per Roll	F.O.B. St. Louis	Per Roll	Width Cloth, ins.	Weight Roll, lbs.	Per Lineal Ft.
21-3/4/36-JX	N-X37D45		36	93	\$0.57

**5/8x5/8 Meshes to inch—17 Gauge Wire**

Per Roll	F.O.B. St. Louis	Per Roll	Width Cloth, ins.	Weight Roll, lbs.	Per Lineal Ft.
21-5/8/30-JX	N-X34D55		30	88	\$0.52
21-5/8/36-JX	N-X41D45		36	103	.63

**2x2 Meshes to inch—19 Gauge Wire**

Per Roll	F.O.B. St. Louis	Per Roll	Width Cloth, ins.	Weight Roll, lbs.	Per Lineal Ft.
21-2224-JX	N-X20D65★		24	58	\$0.32
21-2230-JX	N-X25D25★		30	73	.38
21-2236-JX	N-X29D95★		36	87	.45
21-2248-JX	N-X40D45		48	116	.62

**3x3 Meshes to inch—21 Gauge Wire**

Per Roll	F.O.B. St. Louis	Per Roll	Width Cloth, ins.	Weight Roll, lbs.	Per Lineal Ft.
21-3324-JX	N-X22D45		24	56	\$0.34
21-3330-JX	N-X27D50		30	76	.42
21-3336-JX	N-X32D65★		36	84	.49

**4x4 Meshes to inch—23 Gauge Wire**

Per Roll	F.O.B. St. Louis	Per Roll	Width Cloth, ins.	Weight Roll, lbs.	Per Lineal Ft.
21-4424-JX	N-X23D80		24	54	\$0.36
21-4430-JX	N-X29D15★		30	68	.45
21-4436-JX	N-X34D65★		36	81	.52
21-4448-JX	N-X46D65		48	108	.69

**6x6 Meshes to inch—25 Gauge Wire**

Per Roll	F.O.B. St. Louis	Per Roll	Width Cloth, ins.	Weight Roll, lbs.	Per Lineal Ft.
21-6624-JX	N-X27D75		24	47	\$0.42
21-6630-JX	N-X34D25		30	59	.52

**8x8 Meshes to inch—27 Gauge Wire**

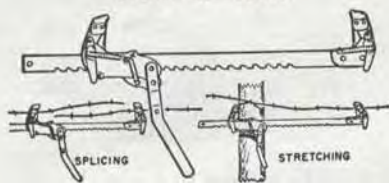
Per Roll	F.O.B. St. Louis	Per Roll	Width Cloth, ins.	Weight Roll, lbs.	Per Lineal Ft.
21-8824-JX	N-X31D20★		24	48	\$0.47
21-8830-JX	N-X38D45		30	60	.58
21-8836-JX	N-X45D75★		36	72	.69

We Do Not Cut Rolls

See Section 9—Page 270 for Zone Map

STAR ★ DENOTES BEST SELLER

(Illustrations full size)

FENCE TOOLS**GOLDEN ROD****All Purpose****Barbed Wire Stretcher and Splicer**

Makes fence repairs in half the time. Used for stretching, raising, lowering and splicing fence wire. Fast and easy to use.

All steel construction. Main bar $1\frac{1}{4}$ inches wide, $\frac{1}{4}$ inch thick. Length of ratchet action 24 inches. Three coil springs. Sturdily constructed and riveted. Painted yellow. Length of handle 12 inches. Length over all 33 inches.

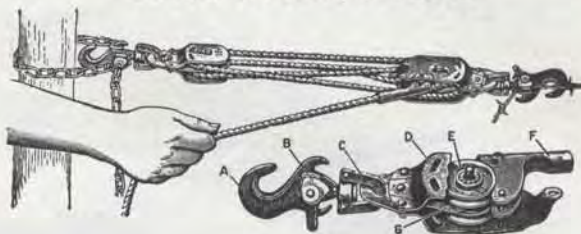
Pulls a Half Ton

Each **5-400GR X4D63**..... Δ Each \$6.95
One in ctn. Wt. ctn. 9 lbs.

LINEMEN'S WIRE GRIPS**KLEIN****Havens Grip**

Forged from crucible tool steel. Galvanized finish. The eccentric, or dog, is hand cut, hardened and tempered. All rivets are steel, machine turned. Maximum opening, $1\frac{1}{32}$ inch (.53) inch. Minimum opening, $\frac{3}{64}$ (.14) inch. For $\frac{1}{2}$ -inch wire and smaller. Safe capacity, 5000 lbs.

Each **F496G (1604/20) X4D40**..... Each \$6.75
One in box. Wt. box $2\frac{1}{4}$ lbs.

WIRE STRETCHERS**Features:**

- A—Extra large reinforced hoist hook designed to withstand breaking point of sisal or manila rope.
- B—Positive action wire grip takes up to 8 gauge wire, barbed or smooth.
- C—Easy action, all steel swivel.
- D—Heavy steel side plates have inside flanges to keep rope on pulleys.
- E—Tempered steel roller bearings around $\frac{1}{16}$ -inch axle.
- F—Positive action locking device, locks and unlocks with slight movement of hand.
- G—Heavy steel center plate, separates pulleys, supports center axle and distributes load.

All steel block frame and yokes, red enameled finish. $2\frac{1}{2}$ -inch sheaves. Strung with 24 feet of $\frac{1}{2}$ -inch sisal rope. Complete with 30-inch 4/0 Tenso chain.

Capacity 2000 lbs.**Without Clamps**

Each **5-8-K X4D95**..... Each \$7.50
Wt. each 8 lbs.

With Clamps

Each	Clamp. No.	Wt. Each, lbs.	Each
5-8WW202-K X15D15	WW202	37	\$22.75
5-8WW203-K X10D50	WW203	24	15.75

Six in ctn.

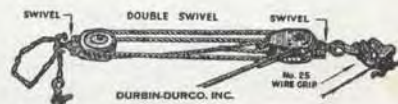
**SINGER—GREAT WESTERN**

This is a big, extra heavy stretcher that will give most satisfactory service. Hoisting capacity 1000 lbs. Easy to operate. Locking device is simple in design and absolutely positive in action.

Heavy steel block frames and yokes. Certified malleable iron locking device swivels and wire grips. Best quality cast iron $2\frac{1}{2}$ -inch sheaves fully machined and turned true with bearings. Lower grip is a No. 5 Come-along wire grasp with hook to permit using stretcher as a hoist. Upper end fitted with 30-inch heavy wire chain and No. 4 grasp. Bright red enamel finish.

Strung with 18 feet of $\frac{1}{2}$ -inch pure sisal rope.

Each **5-GW5-K X4D60★**..... Each \$6.95
Loose. Wt. each 6 lbs.

**Four Pulleys—Roller Bearing**

All steel construction. Malleable non-slipping wire grip with swivel. Never slip safety lock. Finished in red enamel. Complete with 16 feet of $\frac{3}{8}$ -inch sisal rope and 30 inches of 2/0 Tenso chain.

Each **5-20-K X2D75**..... Each \$4.15
Twelve in ctn. Wt. ctn. 53 lbs.

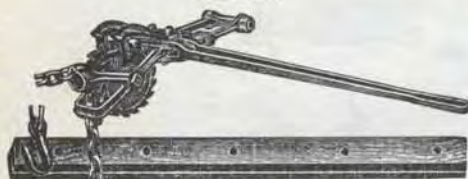
**Three Pulleys—Roller Bearing**

All steel construction. Malleable non-slipping wire grip with swivel. Never slip safety lock. Finished in red enamel. Complete with 12 feet of $\frac{3}{8}$ -inch sisal rope and 30 inches of 2/0 Tenso chain.

Each **5-10-K X2D35★**..... Each \$3.60
Twelve in ctn. Wt. ctn. 37 lbs.

WIRE AND FENCE STRETCHERS

DILLON



Single Lever

For farmers, builders, well drillers, miners, road men and construction companies of all classes. All parts malleable iron and steel. Painted red. 30-inch lever handle. 8½ feet of heavy chain. Complete with 52 inch hardwood clamp for fence work.

Each	Each
5-D-K X18D00.....	\$27.50
Loose. Wt. each 43 lbs.	

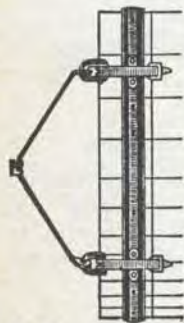
EXTRA CHAIN

8½ feet of heavy chain, with hook, for Dillon Wire Stretchers.

Each	Each
5-EDC-K X3D50.....	\$5.25
Loose. Wt. each 10 lbs.	

FENCE CLAMPS

DURBIN-DURCO



Extra heavy steel channel bars that clamp together quickly and easily. Green enameled finish. Length 50 inches.

Each	Each
5-WW202-K X10D20.....	\$15.50
Loose. Wt. each 29 lbs.	



Steel channel bar clamps to natural hardwood with keyhole slots for bolts. No bolts to remove. Green enameled finish.

Takes up to 48-inch woven wire.

Each	Each
5-WW203-K X5D50.....	\$7.50
Loose. Wt. each 16 lbs.	

WIRE STRETCHERS

Chain Type

Lever action double ratchet with chain guide.

Certified malleable iron castings. Polished hickory handle 27 inches long. Complete with 8½ feet ¾-inch chain and drop forged hook. Green enameled finish.

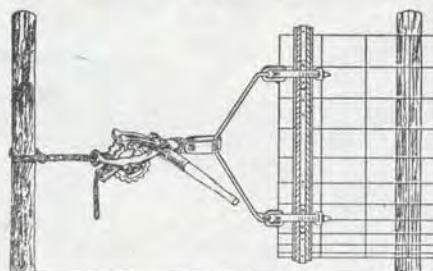


Without Clamp

Each	Each
5-66-K X16D75.....	\$25.25

Loose. Wt. each 29 lbs.

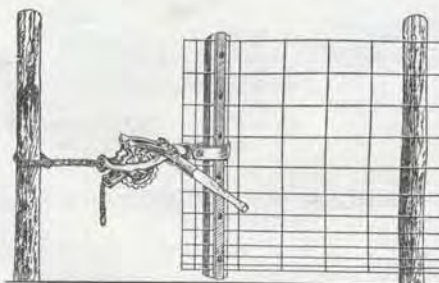
With Clamp



Clamp No. WW202

Each	Each
5-66WW202-K X26D50.....	\$39.75

Loose. Wt. each 58 lbs.



Clamp No. WW203

Each	Each
5-66WW203-K X22D00.....	\$33.00

Loose. Wt. each 45 lbs.



One Man Post to Post Lever Type

For barbed or smooth wire.

Malleable ratchet grips, grip up to 8 gauge. Hickory handle 36 inches long. Green enameled finish.

Each	Each
5-500FS-K X1D80.....	\$2.79

Three in bdle. Wt. bdle. 9 lbs.

STAR ★ DENOTES BEST SELLER

WIRE CLAMPS

For Wire Stretchers



Malleable iron. Binds and holds the wire. Used on all types of stretchers.

Each	Each
R-116-K D2C8.....	\$0.49

Loose. Wt. each 6 ozs.



Malleable iron frame with groove and teeth. Will hold smooth wire up to No. 7 or barbed wire. Tightens on wire as pull increases. Extra hook becomes a hoisting hook when tackle block wire stretcher is used as a hoist.

Each	Each
R-5-K D7C0★.....	\$1.10

Loose. Wt. each 14 ozs.

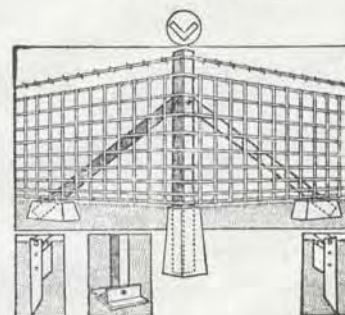
FENCE POSTS

STA-PUT

Heavy steel angles of high strength rail steel. Open angle section permits free drainage and eliminates internal rusting. Standard baked on enamel finish.

CORNER POSTS

With Two Braces



Concrete Set

Without Fittings

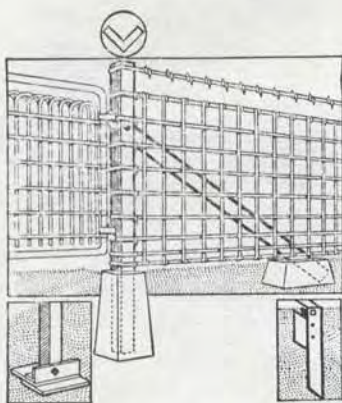
Each		Length, Feet	Wt. Each, lbs.	Each
4-C6-JX	N-X8D35	6	66	\$12.50
4-C7-JX	N-X9D88	7	73	14.85

Loose

FENCE POSTS

END POSTS

With One Brace

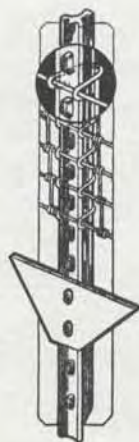


Concrete Set

Without Fittings

Each		Length, Feet	Wt. Each, lbs.	Each
4-CE6-JX	N-X4D60	6	46	\$7.95
Loose				

Studded Tees



Posts have studs formed on them to hold the fence wires in place. The posts are actually strengthened by these studs, instead of being weakened by holes or slots for staples.

Wire fasteners are furnished free. The fasteners have greater strength than staples, and are easily attached with an ordinary hammer. Posts are $1\frac{3}{8} \times 1\frac{3}{8} \times \frac{5}{32}$ inches. Baked metallic enamel finish.

Studded Tee Line Post:

 $1\frac{3}{8} \times 1\frac{3}{8} \times \frac{5}{32}$ inches.

Each		Length, ft.	Wt. lbs.	Each
4-T6-JX	N-X1D05★	6	8.65	\$1.55
4-T6½-JX	N-X1D20	6½	9.32	1.80
4-T7-JX	N-X1D25	7	9.98	1.95

Five posts in bdl.

FENCE POSTS

Ideal U-Shape



A continuous series of lugs are rolled along both sides of face of "U" spaced every $\frac{3}{4}$ inch making it possible to fasten securely every line wire.

High grade steel combination channel and I-beam with steel patented wing anchor plate $4\frac{3}{4} \times 5\frac{3}{4}$ inches riveted to post. Baked enamel finish.

Each		Length, ft.	Wt. lbs.	Each
4-U6-JX	N-X1D05	6	8.65	\$1.55
4-U6½-JX	N-X1D20★	6½	9.32	1.80
4-U7-JX	N-X1D25	7	9.98	1.95

Five posts in bdl.

ELECTRIC FENCE POSTS



DARE

Made of tough angle rail steel. $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{4}$ inches. Heavy riveted anchor plate. $\frac{1}{4}$ -inch rivets used. Punched 4 holes.

Aluminum painted.

Length 48 inches.

FASTEN
INSULATOR
ANYWHERE
ON POST

Per Bdl.		Each
4-424/0-M	N-X4D35	\$0.59
Lots of 10 bdles. N-X3D95		

Ten posts in bdl. Wt. bdl. 22½ lbs.

Sold Only in Full Bundles

STAR ★ DENOTES BEST SELLER

ELECTRIC FENCE POSTS

MISSOURI



High grade angle steel $1 \times 1 \times \frac{1}{8}$ inch. Drilled holes. Smooth finish. Length 54 inches.

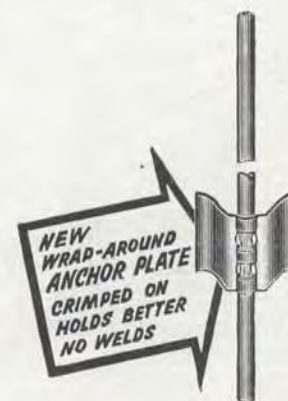
Complete with Anchor Plate Firmly Riveted

Per Bdle.	Each
4-A54-M N-X5D25.....	\$0.85

Ten in bdl. Wt. bdl. 42 lbs.

Sold Only in Full Bundles

DARE



$\frac{3}{8}$ -inch round steel post, crimped on anchor plate. No welds.

Aluminum painted.

Length 48 ins.

Per Ctn. (20)		Each
4-414/0-M	N-X5D75★.....	\$0.45
Lots of 5 ctns.	N-X5D25★	

Twenty posts in ctn. Wt. ctn. 34 lbs.

Sold Only in Full Cartons

ELECTRIC FENCE CONTROLLERS**ELECTRO-LINE****Weed Control**

Singes weeds on contact with the fence wire and eliminates shorts. Cleans fence line quickly. Effective in wet and dry weather. Strong interrupted shock, (1½ seconds on, ½ second off).

Seamless 18 gauge pressed steel cabinet, 11¼x8x5 inches. Finished in red and black. New and exclusive lightning protection device and fence signal lamp system. Easily replaceable lamps and weed chopper. Low operating cost. Sturdy construction. With cord and plug.

For indoor use on 110 volt, 60 cycle A. C. current.

Each ▲ Each
81-S5400-M X18D34.....\$27.50

One in ctn., four in case. Wt. case 34 lbs.

Listed by Underwriters' Laboratories, Inc.

**Sparklet—6 Volt Battery**

18 gauge steel cabinet 9x5½x3¼ inches. Finished in metalized red baked enamel. 6-volt battery operated—delivers an interrupted shock ⅓ second on, one second off. Built-in lightning arrestor. Approximate life of 6-volt dry battery under continuous use, three months. Will charge up to ten miles of fence wire if fence and ground installation is properly made. Approved for safety.

Without Battery

Each ▲ Each
81-410C-M X9D97.....\$14.95

One in ctn. Wt. ctn. 5 lbs.

Six in master ctn.

**Dyna-Mite**

18 gauge steel cabinet 6½x5x3¼ inches, finished in metalized red baked enamel. Operates from 110 volt, 60 cycle high line. Delivers a continuous voltage of very low current. Satisfactory for short fences. (Less than 3 miles in length.)

Underwriters approved plug and heavy rubber insulated wire for connecting to high line. Packed with complete instructions for use and factory warranty. (Conforms to regulations of the proposed National Safety Code.)

Each ▲ Each
81-415A-M X10D34.....\$15.50

One in ctn. Wt. ctn. 4 lbs.

Six in master ctn.

Listed by Underwriters' Laboratories, Inc.

**Red Ranger—6 Volt Battery**

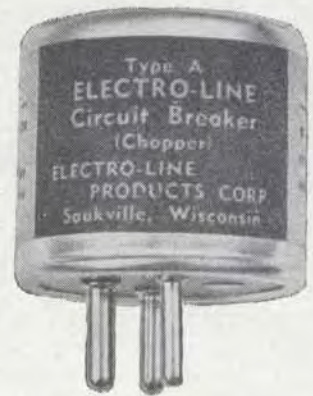
18 gauge steel cabinet 11½x8x8 inches. Finished in metalized red baked enamel. Plastic window for visible operation. Self contained battery compartment, wet-dry soil fence terminals, built-in lightning arrestor, neon fence tester, battery control switch. Delivers a strong interrupted shock ⅓ second on, one second off. Average life of 6-volt dry battery under continuous use, three months. Will charge the entire fence on any farm if fence and ground installation is properly made. A rugged dependable fence charger. Weather-proof. Approved for safety.

Without Battery

Each ▲ Each
81-4302C-M X16D34.....\$24.50

One in ctn. Wt. ctn. 13 lbs.

Four in master ctn.

WEED CHOPPERS**ELECTRO-LINE**

Replacement circuit breaker (chopper) for Model S5400 fence controller.

Each ▲ Each

K-1200M (2158) X1D30.....\$1.95

One in pkg. Wt. 4 ozs.

ELECTRIC FENCE CONTROLLERS

Shox-Stok

Guaranteed Against Lightning Damage



Electric Model—Interrupted Shock

Heavy-duty, waterproof and tamperproof steel case. Fuse protection against overload. Built-in lightning arrestor. Built-in push button type fence tester. Operates efficiently on up to 15 miles of fence.

Guaranteed for 1 Year

110 Volts 60 Cycles A. C.

			■East	■West
Each	East	West	Each	Each
4-Z-M	X23D35	X23D60	\$34.95	35.45

One in ctn. Wt. ctn. 5 lbs.

“Short-Free” Electric Model
Interrupted Shock

Eliminates shorts caused by weeds or grass. Only one moving part—easily replaced circuit breaker—guaranteed for 90 days. Built-in push button type fence tester and short indicator light. U. L. approved cord and plug.

Guaranteed for 1 Year

110 Volts 60 Cycles A. C.

			■East	■West
Each	East	West	Each	Each
81-W9-M	X19D20	X19D45	\$28.80	29.30

One in ctn. Wt. ctn. 6 lbs.



Battery Model—Interrupted Shock

For dry or wet batteries. Heavy-duty, weather-proof steel case. Built-in lightning arrestor. Built-in push button type fence tester and short indicator light. Operates efficiently on up to 15 miles of fence.

Guaranteed for 1 Year

6 Volts D. C.

			■East	■West
Each	East	West	Each	Each
81-D8-M	X11D27★	X11D52★	\$16.90	17.45

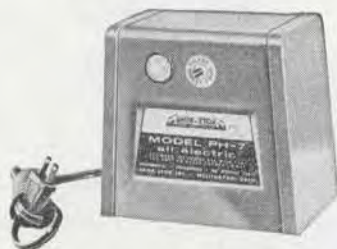
One in ctn. Wt. ctn. 6 lbs.

REPLACEMENT CIRCUIT
BREAKERS

For Model W9 Fence Controllers

Each		■Each
K1199M	(14) X1D30	\$2.00

12 in ctn. Wt. ctn. 3 lbs.



All-Electric Model—Uninterrupted Shock

No moving parts or tubes—nothing to adjust. Built-in push button type fence tester and short indicator light. Tamperproof steel case. Built-in lightning arrestor. U. L. approved cord and plug.

Guaranteed for 5 Years

110 Volts 60 Cycles A. C.

			■East	■West
Each	East	West	Each	Each
81-PH7-M	X11D93★	X12D18★	\$17.90	18.40

One in ctn. Wt. ctn. 4 lbs.

Shox-Stok Jr. Electric Model
Uninterrupted Shock
For Hi-Line Operation

No tubes or moving parts—nothing to adjust. Weather and tamperproof steel case. Built-in lightning arrestor. With installation instructions.

Guaranteed for 1 Year

110 Volts 60 Cycles A. C.

			■East	■West
Each	East	West	Each	Each
81-H-M	X9D30	X9D55	\$13.95	14.45

One in ctn. Wt. ctn. 4 lbs.



Shox-Stok Jr. Battery Model—

Interrupted Shock

For dry or wet batteries. Weather and tamper-proof steel case. Built-in lightning arrestor. Low current consumption. With installation instructions.

Guaranteed for 1 Year

6 Volts D. C.

			■East	■West
Each	East	West	Each	Each
81-B-M	X8D30	X8D55	\$12.45	12.95

One in ctn. Wt. ctn. 4 lbs.

Western Prices Apply to the Following States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Items marked ✚ not carried in stock. Can only be furnished by shipping direct from factory, F. O. B. Wellington, Ohio.

FENCE CONTROLLERS

PARMAK

Fully Guaranteed



Weedmaster

110-120 volt, 50-60 cycle A.C. operation.

Destroys grass and weeds contacting fence. Extra power to stop most stubborn stock.

Heavy deep drawn steel case. Durable red hammertone, baked enamel finish.

Each ▲ Each
81-WM-M X19D00.....\$28.50

One in ctn.

Six in a case. Wt. case 48 lbs.



DeLuxe Field

Battery operated. Uses any type 6 volt battery.

Fully weatherproofed, portable, outdoor model with heavy steel battery compartment. Baked enamel, duotone, finish—red and gray.

Furnished with post mounting clamps and hanger bracket.

Each ▲ Each
81-A-DF-M X15D83.....\$23.75

One in ctn.

Four in a case. Wt. case 56 lbs.



Standard Field

The Standard Field meets the demand for a high quality, weatherproof, low price, outdoor model. Housed in a heavy steel case with battery compartment. Baked enamel finish. Built-in fence tester—rotor "on-off" switch—and many other Parmak features. Furnished with hanger bracket. Use any type 6 volt battery.

Each ▲ Each
81-A-SF-M X13D89.....\$19.85

One in a carton.

Four in a case. Wt. case 48 lbs.



Bushranger

Gives heavy shock for livestock control and destroys weeds touching fence. Built-in dual purpose neon operational light and fence short indicator. Charges long length of fence on very dry ground.

Heavy deep drawn steel case. Gray baked enamel finish.

Furnished complete ready to plug into 110-120V A.C. line.

Each ▲ Each
81-BR-M X14D64.....\$21.95

One in a ctn.

Six in a case. Wt. case 42 lbs.



Model CC

Continuous high voltage, controlled low current in compliance with U. S. National Safety Code. Built-in lightning arrestors. Neon fence short indicator.

Heavy, deep drawn steel case. Red hammertone, baked enamel finish. Furnished complete to plug into A. C. line.

Operates on 110-120 volts A. C. Current.

Each ▲ Each
81-CC-M X9D88.....\$14.75

One in a ctn.

Six in a case. Wt. case 30 lbs.



Stocker

For indoor installation.

Heavy steel blue baked enamel finish.

Semi-automatic dry ground control. Uses any type 6 volt battery.

Without Battery ▲ Each
 Each ▲ Each
81-S-M X9D62.....\$13.75

One in a ctn.

Six in a case. Wt. case 42 lbs.

DIRECT SHIPMENT

Nos.		▲ Each	Nos.		▲ Each
✚WM-M	Lots of 4	X18D05	✚BR-M	Lots of 4	X13D91
	Lots of 10	X17D10		Lots of 10	X13D18
✚A/DF-M	Lots of 4	X15D04	✚CC-M	Lots of 4	X9D39
	Lots of 10	X14D25		Lots of 10	X8D89
✚A/SF-M	Lots of 4	X13D20	✚S-M	Lots of 4	X9D14
	Lots of 10	X12D50		Lots of 10	X8D66

Can assort all models to obtain quantity price.

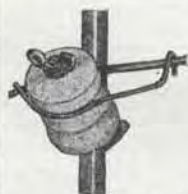
Lots of 4 to 9 units, F. O. B., Kansas City, Mo.

Lots of 10 or more, F. O. B., Kansas City, Mo., full freight allowed to destination.

Items marked ✚ not carried in stock. Can only be furnished by shipping direct from factory, F. O. B., Kansas City, Mo.

ELECTRIC FENCE ACCESSORIES

FENCE KNOB CLIPS DARE MINUTE-MAN



(Wire-to-Insulator Fastening Clip)

Handy clip for fastening electric wire to line post insulator. On or off in a jiffy. Holds wire securely to insulator. Packed in handy counter box.

Per Box (100)	Per Box (100)
K1201M (458) D2C8★	\$0.45
KK1201M (458) D2C5★ (Case lots 10 boxes)	

Ten boxes (1000 clips) in standard shipping ctn.
Wt. ctn. approx. 7 lbs.

We Do Not Break Boxes

INSULATOR FASTENERS DARE MINUTE-MAN



(Wire Insulator Mounting Fastener)

Low cost insulator-to-post fastener for use on angle "T" or "U" steel posts. No. 14 galvanized wire. Packed in handy counter box.

Per Box (100)	Per Box (100)
K1202M (457) D4C8	\$0.75
KK1202M (457) D4C3 —(Case lots 10 boxes)	

100 in box. Ten boxes (1000 fasteners) in standard shipping ctn. Wt. ctn. approx. 17 lbs.

We Do Not Break Boxes

DARE MINUTE-MAN



Cadmium plated steel insulator fastener complete with wing nut for attaching line insulator to any type rod, angle, "tee", or "u" post without tools. Adjustable, fastens anywhere on post. Packed with wing nuts in counter package.

Per Box (20)	Per Box (20)
K1123M (452/20) D4C5★	\$0.75
KK1123M (452/20) D4C0★ —(C. L. 25 boxes)	

Twenty complete fasteners and wing nuts in box.
Twenty-five boxes in ctn. Wt. ctn. 16 lbs.

We Do Not Break Boxes

ELECTRIC FENCE GATES DARE MINUTE-MAN



All weather plastic spring gate. Completely enclosed strong spring cannot stretch out of shape, keeps wire tight. Generous hand shields guard user against shock. Both ends closed. All parts plated against rust.

Per Pkg.	Each
6-503-M X3D50	\$0.55

Ten in counter shipping pkg.

Ten pkgs. (100 gates) to shipping ctn.

Wt. ctn. approx. 32 lbs.

Sold Only in Full Packages



Reliable hard wood gate handle formerly known as "Esco". Assembly consists of hardwood handle with self contained spring and hook. Permits safe passage through fence without cutting off current.

Per Pkg.	Each
6-504-M X2D50	\$0.40

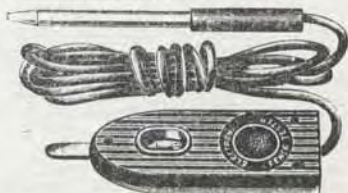
Ten in counter shipping pkg.

Ten pkgs. (100 gates) to shipping ctn.

Wt. ctn. approx. 36 lbs.

Sold Only in Full Packages

ELECTRIC FENCE TESTERS DARE MINUTE-MAN



Essential to every electric fence installation to make 'spot' tests in the field. Tells whether fence is working and helps locate faults such as 'opens', 'shorts' and partial grounds.

Each	Each
K1203M (460) D4C5	\$0.75

Each tester individually. Fifty to shipping ctn.

Wt. ctn. approx. 6¾ lbs.

INSULATOR BOLTS AND NUTS

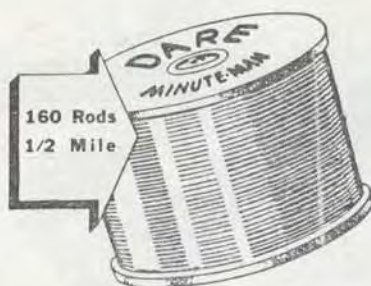


For fastening solid knobs to steel posts. Bright finish. Size 3/16x2 1/2 inches.

Per Ctn.	Per Ctn.
M6317F (FB) X1D00	\$1.60

Hundred in ctn. Wt. ctn. 2 lbs.

We Do Not Break Cartons

ELECTRIC FENCE WIRE**DARE****Minute-Man Smooth**

Strong, 19 gauge, galvanized steel. Splices easily and can also be used for repair jobs around the farm. Can be tightened by hand and does not stretch easily.

Per Spool		Lgth. miles	Wh. ctn. lbs.	Per Spool
61-611-M	X2D80★	1/2	13	\$4.25
Lots of 6	X2D65★			
61-611/80-M	X1D65	1/4	7	2.50
Lots of 6	X1D55			

One spool in ctn.
Sold Only in Full Spools

**Minute Barb**

Strong shocking power. Smooth wire does not always get "down-under" the long hair of some animals. Minute-barb gets right into the hide of an animal, thereby delivering a shock right off of the point of a barb itself. It will deliver a strong shock. Animals will learn to keep away from Minute-Barb.

Minute-Barb electric fence wire 18 1/2 gauge imparts visibility to light weight wire never before available. The visibility alone provided by these "Minute-Barbs" helps animals learn to keep away from an electric fence. Animals will not intentionally cross electrically charged wire if they can see it.

Spoiled for safe handling.

80 Rods—1/4 Mile

Per Spool		Per Spool
61-617/1-M	X3D50.....	\$5.25
	X3D25—Lots of 6	

One spool in ctn. Wt. ctn. 10 lbs.

Sold Only in Full Spools

CATTLE PRODDERS**HOT SHOT**

Indispensable in Safely Loading and Moving Livestock

Greater Power—Automatic Switch—Lighter Weight

Bright nickel plated with rubber hand grip. Powerful ignition type coil and high efficiency transformer is sealed against moisture and dust, yet is readily removable for adjustment.

The use of reliable electric prods with controlled voltage output is highly recommended by meat packers, Livestock Loss Prevention Bureaus, Cargo Insurance Companies and Humane Societies as the most efficient method of moving livestock.

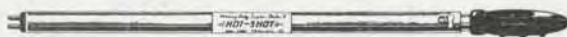
**Standard Model E24**

24 inches Long—Complete with 5 Batteries

The standard model meets the requirements of livestock truckers, meat packers, livestock handlers, veterinarians and stockmen. Quickly loads or moves livestock harmlessly by means of an electric shock.

Each		Each
K1220M	(E24) X5D47.....	\$8.45
10 or more	X5D07	

One in ctn. Wt. ctn. 2 lbs.



Heavy Duty
SUPER-MATIC

Heavy Duty Model HD-30

30 inches Long—Complete with 8 Batteries

The heavy duty model is designed particularly for livestock truckers who prefer a longer prod with higher voltage output and extra battery life.

Each		Each
K1221M	(HD30) X6D00.....	\$9.25
10 or more	X5D55	

One in ctn. Wt. ctn. 2 3/8 lbs.

CATTLE PRODDER BATTERIES**Heavy Duty Super-Matic**

This standard size "C" number 1 flashlight battery has been designed specifically for use in Super-Matic Hot-Shot electric stock prods. The higher amperage gives longer service and produces a hotter spark necessary to move stubborn livestock.

Each		Each
K1218M	(C1) D1C3 1/2.....	\$0.20
KK1218M	(C1) D1C2—(Case lots 50)	

Fifty in ctn. Wt. ctn. 5 lbs.

ELECTRIC FENCE INSULATION

PORCELAIN NAIL KNOBS

Wisconsin



Illustration shows Shelf Carton containing 25 Knobs

Newly developed "Multi-Grooved" medium size line post insulator, made of white glazed solid porcelain, size of knob $1\frac{1}{8}$ inches diameter by $1\frac{1}{16}$ inches long. Extra grooves add surface distance retarding leakage due to rust, sediment or moisture. Unassembled but with double headed nail and leather washer. For use on wood posts, especially designed for electric fencing.

(WP22E)

Per Box		Per Box
K1128M	N-D6C5★ (25 in box)	\$1.05
KX1128M	N-D6C0★ (20 boxes in carton)	

Sold Only in Full Boxes



Illustration shows Shelf Carton containing 25 Knobs

Newly developed "Multi-Grooved" medium size line post insulator, made of white glazed solid porcelain, size of knob $1\frac{1}{8}$ inches diameter by $1\frac{1}{16}$ inches long. Extra grooves add surface distance retarding leakage due to rust, sediment or moisture. Unassembled but with plain nail and leather washer for use on wood posts, especially designed for electric fencing.

(WP22Q)

Per Box		Per Box
K1129M	N-D5C9★ (25 in box)	\$1.00
KX1129M	N-D5C5★ (Case lots 20 boxes)	

Twenty boxes in ctn. Wt. ctn. 53 lbs.

Sold Only in Full Boxes

LEATHER WASHERS



Will fit all standard fence knobs.

(WL)

Per Box (100)		Per Box
K1122M	N-D2C0	\$0.35

100 in box. Wt. box $\frac{1}{4}$ lb.

Sold Only in Full Boxes

PORCELAIN SOLID KNOBS



Illustration shows Shelf Carton containing 25 Knobs

Newly developed "Multi-Grooved" medium size line post insulator made of white glazed solid porcelain, size of knob $1\frac{1}{8}$ inches diameter by $1\frac{1}{16}$ inches long. Extra grooves add surface distance retarding leakage due to rust, sediment or moisture. For use on wood posts with nails or screws, or on steel fence posts with bolts and nuts or with insulator fasteners. Especially designed for electric fencing.

(WP22)

Per Box		Per Box
K1127M	N-D4C3★ (25 in box)	\$0.75
KX1127M	N-D4C0★ (Case lots 20 boxes)	

Sold Only in Full Boxes

Per Ctn. (500)

81-WP22B-M N-X7D25—(500 in ctn. Bulk pkd.)

Wt. ctn. 44 lbs.

We Do Not Break Bulk Packed

Size Number 51 $\frac{1}{2}$ 

Made of white glazed porcelain unassembled. For use on wood posts with nails or screws or on steel fence posts with bolts and nuts, or with insulator fasteners. Rounded groove.

$1\frac{1}{8}$ inches in diameter. $1\frac{3}{4}$ inches long.

Per Ctn.

Each

81-51 $\frac{1}{2}$ /100-M N-X2D75—Glazed.... \$0.05

One hundred in ctn. Wt. ctn. 12 lbs.

Sold Only in Full Cartons

PORCELAIN FENCE KNOBS



White glazed porcelain multi-grooved medium size post insulator with washer. Diameter $1\frac{1}{8}$ inches. Length $1\frac{1}{16}$ inches.

(WP22L)

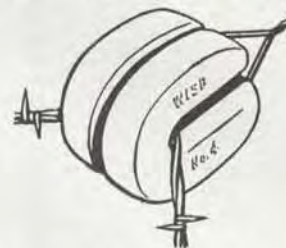
Per Box (25)		Per Box (25)
K1124M	N-D4C6	\$0.75
KX1124M	N-D4C3—(Case lots 20 boxes)	

25 in box, 20 boxes in ctn. Wt. ctn. 43 $\frac{1}{2}$ lbs.

Sold Only in Full Boxes of (25)

STAR ★ DENOTES BEST SELLER

PORCELAIN CORNER KNOBS



For Extra Heavy Duty Service



Illustration shows Shelf Carton containing 10 Knobs

Made for just one job—to wipe out troubles at corner and end posts. Easier to put up—deep long sided grooves hold "hot" wire in place while it is being tightened.

Strain on fence may cause insulator to twist and turn but **solid block of porcelain** keeps wires from slipping any closer together.

"Hot" wire and tie wire held far apart in separate grooves. Eliminate current leaks. Help maintain strong shock in fence.

Wide insulating gap also prevents rust, dirt or moisture from forming paths over which current will leak.

(W1SP4)

Per Box		Per Box
K1125M	N-D5C9—(10 in box)	\$1.00
KX1125M	N-D5C5—(Case lots 10 boxes)	

Ten boxes in ctn. Wt. ctn. 27 lbs.

Sold Only in Full Boxes

Light Duty Service



Illustration shows Shelf Carton containing 10 Knobs

Made of white glazed porcelain. $1\frac{5}{8}$ inches wide. $1\frac{1}{16}$ inches high. Wire groove $\frac{13}{32}$ inch. $\frac{3}{8}$ inch hole diameter, to be used on corner posts. Especially designed for electric fencing.

(WP6)

Per Box		Per Box
K1126M	N-D3C9★ (10 in box)	\$0.60
KX1126M	N-D3C5★ (Case lots 25 boxes)	

Ten in box, twenty-five boxes in ctn.

Wt. ctn. 35 lbs.

Sold Only in Full Boxes

EARTH ANCHOR

Securely anchors fence and gate posts, silos, grain bins, hay racks, litter carriers, grape arbors and other farm structures. Also used for guying TV aerials, clothes lines, straightening trees and anchoring winches. Adapted to sandy soil, clay and loam.

Rod $\frac{1}{16}$ inch with $1\frac{1}{2}$ inch eye and 4 inch anchor plate. Length over all 48 inches. Holding power in average soil 1500 lbs.

Each	Each
4-404-J N-X1D95★.....	\$2.95
Six in ctn. Wt. ctn. 41 lbs.	

Rod $\frac{3}{4}$ -inch with $1\frac{1}{2}$ inch eye and 6 inch anchor plate. Length over all 48 inches. Holding power in average soil 2500 lbs.

4-604-J N-X2D35.....	\$3.50
Six in ctn. Wt. ctn. 52 lbs.	

Keep-Stakes

For holding trees, clothes lines, tents, TV antennas, boats, wire trellises, swings, etc.

Light to handle and easy to install, yet supplies holding power of 750 to 1000 lbs. in average soil. For permanent or temporary installation. Can be installed and removed without marring lawn.

Length 30 inches, $\frac{7}{16}$ inch rod. 1 inch inside diameter solid eye. Screw plate 3 inches. Installed to 3 inches of eye when pull is up to 60° angle of ground surface.

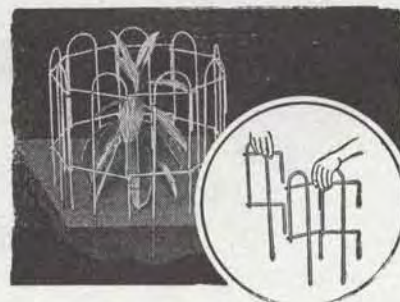
Shipping carton can be placed as a display carton.

Each	Each
4-326-J N-X1D15.....	\$1.75
Twelve in ctn. Wt. ctn. 20 lbs.	

Sold Only in Full Cartons

SECTIONAL FENCE

ROYAL-FENCE IT



No measuring—no cutting—no waste and storage problem.

Sectionized 18 inch fencing beautifies as it protects.

Sections can be locked together to fence any desired area in almost any desired pattern. Made of 9 gauge steel wire, all joints electrically welded.

Gleaming baked-on white enamel.

50—Six Inch Sections (25 ft.)

Per Ctn. (50 Sections)		Per Ctn. (50 Sections)
4-RF-J N-X4D10★.....		\$6.50
Fifty sections in ctn. Wt. ctn. 14 lbs.		

Sold Only in Full Cartons

FLOWER FABRIC

NICHOLS



Rustproof aluminum. Lustre-brite finish. Length 96 inches. Width 24 inches.

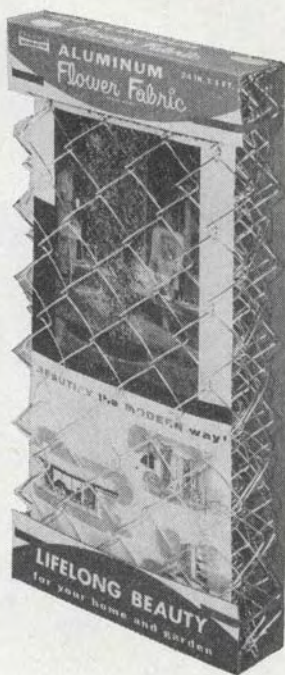
Per Ctn. (6)	Each
4-F8-J X18D00.....	\$5.00

One in pkg. Six pkgs. in ctn. Wt. ctn. 21 lbs.

Sold Only in Full Ctns.

FLOWER FABRIC

NICHOLS



Rustproof aluminum. Lustre-brite finish. Length 96 inches. Width 24 inches.

Per Ctn.
(6)

4-F8-J X18D00.....

Each

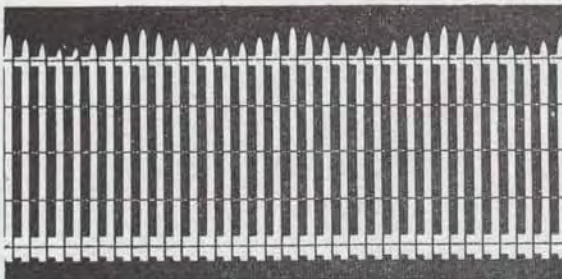
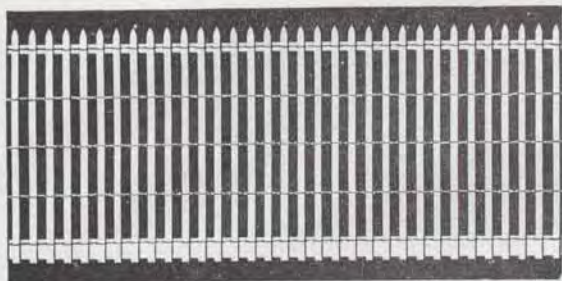
\$5.00

One in pkg. Six pkgs. in ctn. Wt. ctn. 21 lbs.

Sold Only in Full Ctns.

ORNAMENTAL PICKET FENCE

DENNING LINE



WHITE FENCE

White Fence is made from $\frac{1}{2} \times 1\frac{1}{2}$ inch pickets surfaced four sides and spaced $2\frac{1}{4}$ inches apart. Cables of heavily galvanized No. 12 $\frac{1}{2}$ wire hold the pickets firmly in place. An attractive appearance is given by the long "Drawshaven" gothic point. This fence is painted white with a fine quality paint. White Fence is shipped in 50 foot rolls wrapped in heavy Kraft paper.

Straight Top

Per Roll, 50 ft.		Height, ins.	Wt. Roll, lbs.	Per Roll, 50 ft.
‡400-JX	X15D75	48	100	\$24.50
‡422-JX	X14D50	42	90	22.45
‡300-JX	X13D85	36	80	21.55

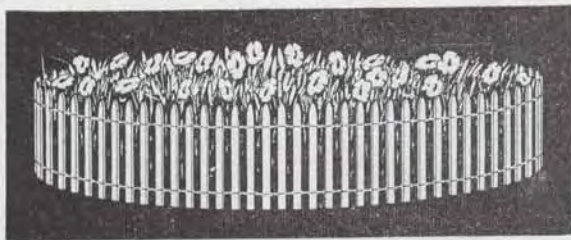
Scalloped Top

‡481-JX	X15D75	48	100	24.50
‡421-JX	X14D50	42	90	22.45

WHITE GATES—Straight Top

Constructed with $\frac{1}{2} \times 1\frac{1}{2}$ inch cedar, pine or fir pickets. Nailed on 1x3 inch Z-type frames. Painted with quality white paint. Hinges and latches furnished with hardware for wood posts. Double drive gates and other widths available on request.

Each		Height, ins.	Wt. Each lbs.	Each
‡G400-JX	X5D75	48	10	\$8.65
‡G422-JX	X5D55	42	9	8.35
‡G300-JX	X5D20	36	8	7.80



18-INCH WHITE BORDER FENCE

Made from surfaced pickets same as Picket Fence, painted white, with two double cables of wire. Rolls contain 25 lineal feet each and are wrapped with Kraft paper.

Per Roll, 25 ft.		Top	Wt. Roll, lbs.	Per Roll, 25 ft.
‡190-JX	X3D65	Straight	15	\$5.75
‡191-JX	X3D65	Scalloped	15	5.75

BIG RED AND GREEN FENCE

Pickets are $\frac{1}{2} \times 1\frac{1}{2}$ inches smooth sawn and are furnished with neat pointed tops or with square tops. Painted with a brilliant red oxide stain which thoroughly penetrates the wood. Pickets held firmly by cables of No. 12 $\frac{1}{2}$ heavily galvanized wire. Regularly furnished in 50 foot rolls. Other lengths available on request.

Red Pointed

Per Roll, 50 ft.		Height, ins.	Wt. Roll, lbs.	Per Roll, 50 ft.
‡R36PT-JX	X9D05	36	100	\$13.75
‡R42PT-JX	X9D55	42	120	14.35
‡R48PT-JX	X10D45	48	130	15.75

Red Square

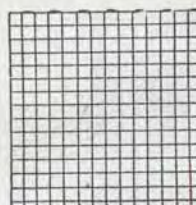
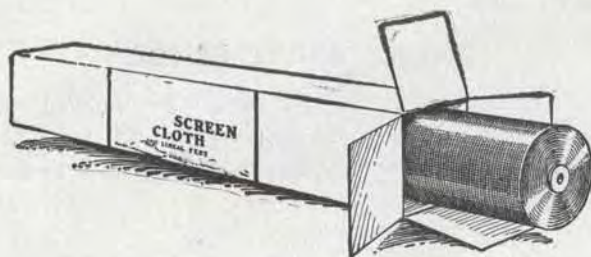
‡R36ST-JX	X8D95	36	100	13.45
‡R42ST-JX	X9D35	42	120	14.10
‡R48ST-JX	X10D25	48	130	15.45

Green Pointed

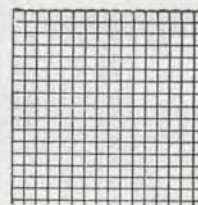
‡G36PT-JX	X10D90	36	100	16.50
‡G42PT-JX	X11D55	42	120	17.35
‡G48PT-JX	X12D55	48	130	18.95

Items marked ‡ not carried in stock. Can only be furnished by shipping direct from factory, F. O. B., Joliet and Dupo, Ill. and Carrollton, Texas. Delivery time approximately 2 weeks.

SCREEN WIRE CLOTH



14 Mesh



16 Mesh

Made of selected steel wire, woven evenly smoothly. Will not sag at edge or in the middle. Loops turned on both edges to prevent unraveling.

Every Roll Packed in a Strong Fibre Container

In Rolls of 100 Lineal Feet

Specify finish, mesh and width on orders for screen cloth.

Black—.011 Gauge Wire

18x14 Mesh

Per Roll		Width, ins.	Sq. ft. in Roll	Wt. Roll, lbs.	Per Sq. ft.
21-24B-J	X11D33	24	200	29 $\frac{1}{4}$	\$0.09
21-26B-J	X12D28	26	216 $\frac{2}{3}$	32	.09
21-28B-J	X13D23★	28	233 $\frac{1}{3}$	34 $\frac{1}{4}$	.09
21-30B-J	X14D17	30	250	37	.09
21-32B-J	X15D12	32	266 $\frac{2}{3}$	39 $\frac{1}{2}$	.09
21-34B-J	X16D07	34	283 $\frac{2}{3}$	42	.09
21-36B-J	X17D01★	36	300	45	.09
21-42B-J	X19D83	42	350	51 $\frac{1}{2}$	.09
21-48B-J	X22D66	48	400	58 $\frac{1}{4}$	.09

Galvanized—.011 Gauge Wire

18x14 Mesh

Per Roll		Width, ins.	Sq. ft. in Roll	Wt. Roll, lbs.	Per Sq. ft.
21-18G-J	X9D00	18	150	22	\$0.10
21-20G-J	X10D00	20	166 $\frac{2}{3}$	25	.10
21-22G-J	X11D00	22	183 $\frac{1}{3}$	27 $\frac{1}{2}$	.10
21-24G-J	X12D00★	24	200	29 $\frac{1}{4}$	.10
21-26G-J	X13D00★	26	216 $\frac{2}{3}$	32	.10
21-28G-J	X14D00★	28	233 $\frac{1}{3}$	34 $\frac{1}{4}$	.10
21-30G-J	X15D00★	30	250	37	.10
21-32G-J	X16D00★	32	266 $\frac{2}{3}$	39 $\frac{1}{2}$	.10
21-34G-J	X17D00	34	283 $\frac{1}{3}$	42	.10
21-36G-J	X18D00★	36	300	45	.10
21-38G-J	X19D00	38	216 $\frac{2}{3}$	47	.10
21-42G-J	X21D00★	42	350	51 $\frac{1}{2}$	.10
21-48G-J	X24D00	48	400	58 $\frac{1}{4}$	.10

Aluminum—.013 Gauge Wire

18x14 Mesh

Per Roll		Width, ins.	Sq. ft. in Roll	Wt. Roll, lbs.	Per Sq. ft.
21-24A-J	X15D50★	24	200	14	\$0.14
21-26A-J	X16D50	26	216 $\frac{2}{3}$	15	.14
21-28A-J	X18D10★	28	233 $\frac{1}{3}$	16 $\frac{1}{2}$	.14
21-30A-J	X19D50★	30	250	18	.14
21-32A-J	X20D50	32	266 $\frac{2}{3}$	19	.14
21-34A-J	X21D50	34	283 $\frac{1}{3}$	20	.14
21-36A-J	X23D20★	36	300	21	.14
21-42A-J	X27D00	42	350	25	.14
21-48A-J	X31D00	48	400	28	.14

Bronze—.011 Gauge Wire

18x14 Mesh

Per Roll		Width, ins.	Sq. ft. in Roll	Wt. Roll, lbs.	Per Sq. ft.
21-24BZ-J	X26D55	24	200	31	\$0.23
21-26BZ-J	X28D76	26	216 $\frac{2}{3}$	33 $\frac{1}{2}$	.23
21-28BZ-J	X30D98★	28	233 $\frac{1}{3}$	36	.23
21-30BZ-J	X33D19★	30	250	38 $\frac{1}{2}$	.23
21-32BZ-J	X35D40	32	266 $\frac{2}{3}$	41 $\frac{1}{2}$	.23
21-34BZ-J	X37D60	34	288 $\frac{1}{3}$	44	.23
21-36BZ-J	X39D81★	36	300	46 $\frac{1}{2}$	.23
21-42BZ-J	X46D40	42	350	54 $\frac{1}{2}$	.23
21-48BZ-J	X53D00	48	400	62	.23

Direct Shipment

F. O. B., Tuscaloosa, Ala. Full freight allowed on 10 rolls or more.

Aluminum—.013 Wire—18x14 Mesh

Per Roll		Width, ins.	Sq. ft. in Roll	Wt. Roll, lbs.	Per Sq. ft.	Per Roll		Width, ins.	Sq. ft. in Roll	Wt. Roll, lbs.	Per Sq. ft.
21-24-J	X16D05	24	200	14	\$0.14	21-34-J	X22D71	34	283 $\frac{1}{3}$	20	\$0.14
21-26-J	X17D35	26	216 $\frac{2}{3}$	15	.14	21-36-J	X24D00	36	300	21	.14
21-28-J	X18D70	28	233 $\frac{1}{3}$	16 $\frac{1}{2}$	.14	21-42-J	X28D16	42	350	25	.14
21-30-J	X20D00	30	250	18	.14	21-48-J	X32D05	48	400	28	.14
21-32-J	X21D37	32	266 $\frac{2}{3}$	19	.14						

Black, galvanized, bronze, aluminum screen wire cloth and lumite plastic screen cloth F. O. B., St. Louis, Mo. Actual freight allowed on 100 lbs. or more.

STAR ★ DENOTES BEST SELLER

FIBERGLAS SCREEN CLOTH

CHICOPEE

Per Roll		Width In.	Sq. Ft.
21-24FG-J	X16D00	24	\$0.12
21-26FG-J	X17D16	26	.12
21-28FG-J	X18D66	28	.12
21-30FG-J	X20D00	30	.12
21-32FG-J	X21D32	32	.12
21-36FG-J	X24D00	36	.12
21-42FG-J	X28D00	42	.12
21-48FG-J	X32D00	48	.12

DISPLAY STAND

For Fiberglas Screen Cloth

With Five Rolls of Screen Cloth.

Each

✱79-J

X73D52

Sell Only Numbers Listed Above

E

September 1, 1957

**Sell the screening
made to order for your
"DO IT YOURSELF"
customers**



**Feature the easiest
to work with — longest
lasting screening on
the market today!**

The sign of quality . . . the black and white
selvage, the red Chicopee label.

HANDY PRICE GUIDE

SUGGESTED PRICE TO DEALER (per 100 lineal foot rolls)†

Width	Sq. Ft.	Weight	Price
	100	4.4	\$ 9.06
24"	200	8.5	18.12
26"	216.67	9	19.63
28"	233.33	10	21.14
30"	250	10	22.65
32"	266.67	11	24.16
34"	283.33	11.5	25.67
36"	300	12	27.18
38"	316.67	13	28.69
40"	333.33	14	30.20
42"	350	14	31.71
44"	366.67	16	33.22
46"	383.33	16.5	34.73
48"	400	17.5	36.24
54"	450	18.5	40.77
60"	500	21	45.30

For other widths see below

Also available in 18", 20", 22", 66", and 72" at additional charge of 25¢ per 100 sq. ft.

†Suggested resale price of CHICOPEE FIBERGLAS SCREEN CLOTH to dealer: \$9.06 per 100 sq. ft.

NOTE: Mesh commercial standard 18 x 14 color Chicopee Gray. (Specifications comply with requirements of Federal Specification L-S-137)



CHICOPEE'S

Special introductory offer!



**Display Rack Plus Five
50' Rolls of Chicopee
Fiberglass Screen Cloth**

for only \$**79⁷⁹**

FREIGHT PAID
delivered direct to dealer

ORDER THESE **FREE SALES AIDS** TO HELP SELL

CHICOPEE FIBERGLAS SCREEN CLOTH TO YOUR CUSTOMERS

- ✕ **PORCH, PATIO, BREEZEWAY PLANS** — to help you create large screening sales!
- ✕ **ENVELOPE STUFFERS** — for your mailings. Use them as handouts, too.
- ✕ **SWATCH SAMPLES** — as giveaways!
- ✕ **20 & 30 SECOND COMMERCIALS** — for your radio advertising!
- ✕ **NEWSPAPER MAT ADS** — for your advertising!
- ✕ **PRICE CALCULATOR** — gives you total selling price on all lengths and widths of Chicopee Fiberglass Screening

CHICOPEE MILLS, Inc., Lumite Division, 47 Worth Street, New York 13, N. Y. Dept. CC

ALL-NEW

Cupco

aluminum combination storm doors

NOW A BETTER VALUE THAN EVER

COMPARE THESE FEATURES
CUPCO PROVES ITS SUPERIORITY

FEATURES YOU WANT	CUPCO	COMPETITIVE MODELS
Rugged Z-bar extruded-aluminum construction	Yes	?
Sag-proof cadmium-plated corner gussets	Yes	?
TWO lites of glass (set in Vinyl)	Yes	?
TWO aluminum screens (18 x 14 aluminum mesh)	Yes	?
Embossed aluminum kick-plate in "abuse" area	Yes	?
Pneumatic door-closer — built-in shock absorber	Yes	?
Cyclone chain to absorb heavy wind shocks	Yes	?
Positive latch	Yes	?
THREE concealed Oilite bearing hinges	Yes	?
Expander base rail, assuring precision-fit on any threshold	Yes	?
Full 1" thick	Yes	?
Glass panels and screens easily changed	Yes	?
Broken glass easily replaced	Yes	?
Attractive appearance — adds beauty to any home	Yes	?
Complete installation instructions with each door	Yes	?
HIGH QUALITY AT MODERATE COST	Yes	?

9-30-59 9-282A

STANDARD
2 1/8" x 6'8" or 3'0" x 6'8"
(Specify Size)
Each
† CUPCO-J X29D85
One In Carton
Wt. Ctn. 43 Lbs.

† Not Carried In Stock.
Shipped Direct From
Factory Only, F.O.B.
St. Louis, Mo.

Manufactured expressly for and sold by

SHAPLEIGH HARDWARE CO.

900 Spruce St.
ST. LOUIS 2, MISSOURI

9-282B

9-30-59

Cupco

aluminum combination storm doors

designed for sale by the retail lumber yard

Immediate delivery on stock doors that fit standard door openings

STOCK DOOR SIZE

WILL FIT OPENINGS:

WIDTH

HEIGHT

2' 8" x 6' 8"

32" to 32½"

80¼" to 81"

3' 0" x 6' 8"

36" to 36½"

80¼" to 81"

Available in either PRE-HUNG or standard units.

If ordering PRE-HUNG, specify whether hinged right or left.

OTHER SIZES ON SPECIAL ORDER—widths up to 40"; heights up to 96"



QUALITY PRODUCT

YOU CAN RELY ON

A COMPANY OVER 100 YEARS OLD

THIS IS YOUR **LIFETIME GUARANTEE**

CUPPLES COMPANY

Manufacturers

BUILDING PRODUCTS DIVISION

100 W. DOUGLAS ST. • ST. LOUIS 7, MO • CHestnut 1-5986

WINDOW SCREENS

CONTINENTAL



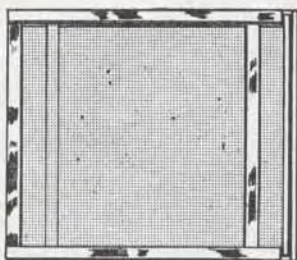
Extension
All Wood Frame

Dove tail tongue and groove. 14x18 galvanized wire cloth.

Each		Height, ins.	Adjustable, ins.	Wt. Ctn. lbs.	Each
4-1237G-J	N-D6C0★	12	23 to 37	21	\$0.95
4-1833G-J	N-D7C8★	18	21 to 33	24	1.20
4-2433G-J	N-D9C6★	24	21 to 33	30	1.45
4-2437G-J	N-X1D05★	24	23 to 37	32	1.60
4-2837G-J	N-X1D23	28	23 to 37	35	1.85
4-3037G-J	N-X1D30	30	23 to 37	37	2.00

Twelve in ctn.

ATKINSON'S



Adjustable

All steel frame reinforced by forming securely welded corners.
18x14 galvanized wire cloth.

Each		Height, ins.	Adjustable, ins.	Wt. Ctn. lbs.	Each
4-A1233-J	N-D6C5★	12	20 to 33	18	\$0.95
4-A1533-J	N-D7C7	15	20 to 33	21	1.15
4-A1833-J	N-D8C8★	18	20 to 33	23	1.35
4-A1837-J	N-D9C5★	18	22 to 37	26	1.45
4-A1845-J	N-X1D15	18	26 to 45	31	1.75
4-A2433-J	N-X1D07	24	20 to 33	30	1.60
4-A2437-J	N-X1D15★	24	22 to 37	31	1.75

Twelve in ctn.

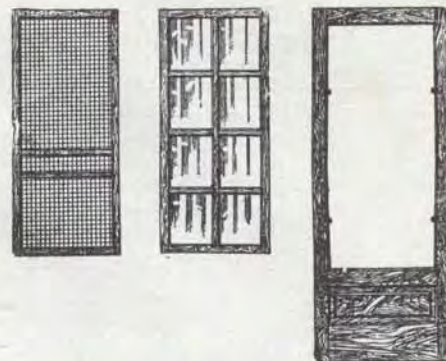
COMBINATION SCREEN AND STORM DOORS

CONTINENTAL

The "All-Season" Door

In Summer—As a screen door keeps out flies. Conserves health.

In Winter—As a storm door keeps out cold. Saves fuel.



Continental combination doors are made of selected lumber, treated with woodlife water repellent preservative and furnished "in the white" so that they can be painted or finished to match the woodwork of the house. The doors are well made, heavy and substantial—4 inch stiles. 1½ inches thick, sanded and smoothed after assembling. The screen panels are covered with 18x14 mesh bronze wire cloth. A special feature—it is only necessary to turn four patented screws, each a quarter-turn, to remove the screen panel and to install the storm panel. Consists of door frame, storm panel and screen panel—all in the white.

Eight Light Glazed

4-8/G/B-JX

(Specify Size)

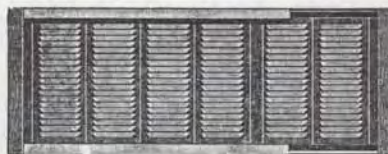
Size	Each	Wt. Ctn. lbs.	Each
2-8x6-8	N-X15D95★	40	23.95
3x6-8	N-X16D75	45	24.25

Loose

When shipped outside of St. Louis add **D7C5** for each bundle of two or more.

WINDOW VENTILATORS

MARVIN'S METAL RAIL



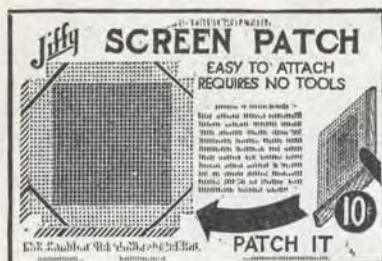
Constructed of rust-resisting steel and seasoned oiled wood. Tenoned wood joint holds metal rail. Top and bottom rails heavily zinc plated. Louvered panels aluminum baked enamel finish. Natural finish wood ends.

Each		Height, ins.	Adjustable, ins.	Wt. Ctn. lbs.	Each
4-133-J	N-D5C5	8	19¾ to 33	18	\$0.85
4-137-J	N-D5C8★	8	22 to 37	20	.90
4-237-J	N-D7C3★	11	22 to 37	26	1.10

Twelve in ctn.

STAR ★ DENOTES BEST SELLER

SCREEN PATCHES JIFFY



These patches afford a quick and easy method of repairing holes in wire screen of doors and windows.

Two 16 mesh galvanized patches mounted on a card—one $1\frac{3}{4} \times 1\frac{3}{4}$ inches and one $2\frac{1}{2} \times 2\frac{1}{2}$ inches with directions for applying.

Per Ctn.
(4 Dozen Cards) Per Card
R-JSP-J X3D20★..... \$0.10

Forty-eight cards in ctn. Wt. ctn. 2 lbs.

Sold Only in Full Cartons

SCREEN DOOR MOULDINGS



Mixed Wood

Width $\frac{5}{8}$ inch. Thickness
 $\frac{3}{16}$ inch.

Seven foot Length

Per 100 Lineal Feet Per Foot
4-1607-J N-X1D65★..... \$0.03

Random Length

4-1611-J N-X1D50..... .03

Five hundred feet in bdl.

Wt. bdl. 12 lbs.

Sold Only in Full Bundles

SCREEN RAIL AND BEADING

Size $\frac{3}{4} \times 1\frac{3}{4}$ Inches

In Bundles of 48 Feet

4 pieces each of 3, 4, and 5 feet.

Per Bundle Per Ft.
4-345-J X2D55..... \$0.10

Wt. bundle 5 lbs.

In Bundles of 84 Feet

4 pieces each of 6, 7, and 8 feet.

Per Bundle Per Ft.
4-678-J X5D15..... \$0.10

Wt. bundle 10 lbs.

Sold Only in Full Bundles

SCREEN MOULDING WARPS



Select grade pine.

Three foot strips $\frac{5}{8}$ inch
wide, $\frac{1}{4}$ inch thick.

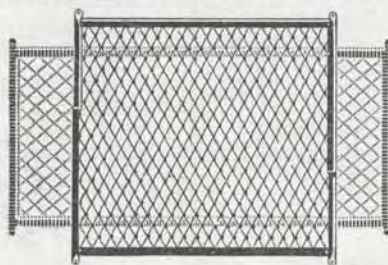
In Cartons of 750 Feet

Per Ctn. Per Foot
4-750-J X12D50★..... \$0.04

Wt. ctn. 27 lbs.

We Do Not Break Cartons

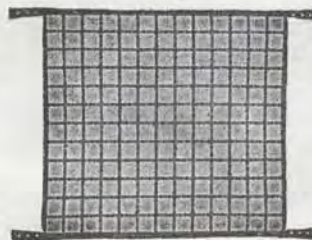
SCREEN DOOR GRILLS



Adjust-O-Grilles

Made from No. 13 galvanized wire and No. 24 gauge galvanized steel, finished with gold bronze lacquer. May be used on screen doors or windows. May be installed either on outside or inside of frame. Simple to install with four screws.

Each	Adjustable, ins.	Wt. Ctn., lbs.	Each
4-02-J X2D30★	18 to 32	15	\$3.50
4-03-J X3D05	24 to 42	21	4.65
Six in ctn.			



Adjustable, can be cut to smaller size. Made of crimped $\frac{5}{16}$ inch flat steel grille wire. Size overall length 32 inches, width 24 inches, size grille part length 26 inches, height 24 inches. Brass plated finish.

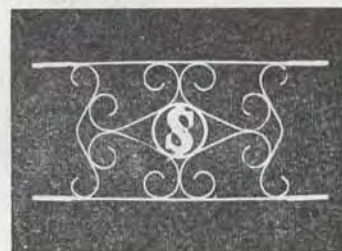
Without Scroll Top

Each Each
4-253BP-J X1D70★..... \$2.55

Twelve in ctn. Wt. ctn. 48 lbs.

STAR ★ DENOTES BEST SELLER

SCREEN DOOR GRILLS



Aluminum

All aluminum with sparkling bright finish. Large size—16x36 inches—can be fitted to narrow doors by trimming ends of mounting rails.

Complete with coupon for securing free emblem from factory.

Each Each
4-1636-J X2D59..... \$4.05

Six in ctn. Wt. ctn. 11 lbs.

SCREEN DOOR GRILLS

NATIONAL GUARD



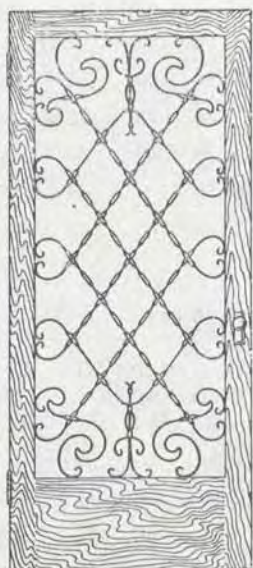
Solid aluminum with an anodized finish. The ornament is an attractive aluminum stamping. Unaffected by salt air climates and will not corrode or tarnish.

Completely assembled with necessary mounting screws and clamps.

For Regular Screen Doors

Minimum width 24 inches, maximum 32 inches. Height 60 inches.

Each **4-S75-J X4D50★**..... \$6.75
One in ctn. Wt. ctn. 5 lbs.



Very charming.

Adjustable four directions.

Adjustable from 24 to 34 inches.

Aluminum

Each **4-XC-J X4D75**..... \$7.15
Wt. each 3 1/4 lbs. Six in pkg.

HUTCHINSON Scro-Grills



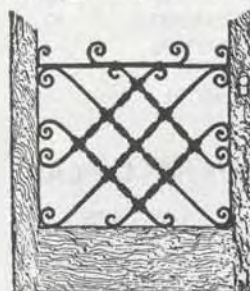
Adjustable from 24 to 34 inches.
Aluminum

Each **4-BR5-J X3D05**..... \$4.75
Wt. each 2 1/4 lbs. Twelve in pkg.



Intricate Design
Adjustable from 24 to 34 inches.
Aluminum

Each **4-BR2-J X3D05**..... \$4.75
Wt. each 2 1/2 lbs. Twelve in pkg.



Bar at Top
Adjustable by sliding along bar.
Adjustable from 24 to 34 inches.
Aluminum

Each **4-BR1-J X2D05★**..... \$3.15
Wt. each 1 1/2 lbs. Twelve in pkg.



For windows and doors with check rail. Small adjustment range.

Size 28x28 inches

Aluminum

Each **4-XB-J X2D20**..... \$3.30
Wt. each 1 1/2 lbs. Twelve in pkg.

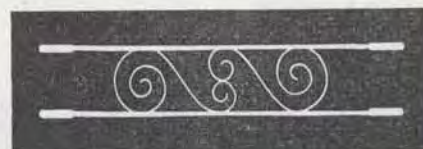
NELSO INDUSTRIES

Silver Brite

All aluminum. Made from fluted bar stock with sparkling bright finish. Equipped with extra-heavy mounting rails. Adaptable to smaller widths by trimming the ends of mounting rails.

Aluminum screws are furnished in envelope stapled to grill.

Width 33 1/2 inches



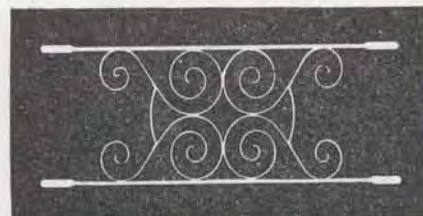
Push Bar Grill

Height 6 inches.

Per Ctn. Each
4-NP633-J X8D40★..... \$2.10

Six in ctn. Wt. ctn. 7 lbs.

Sold Only in Full Cartons



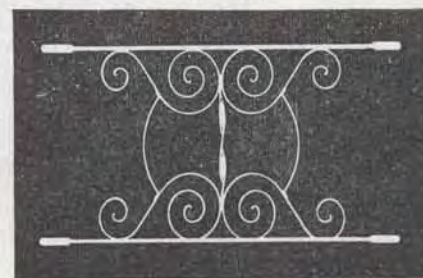
Plain Grill

Height 12 inches.

Per Ctn. Each
4-NP1233-J X12D75..... \$3.25

Six in ctn. Wt. ctn. 12 lbs.

Sold Only in Full Cartons



Push Bar Grills

Height 16 inches.

Per Ctn. Each
4-NP1633-J X13D95★..... \$3.50

Six in ctn. Wt. ctn. 14 lbs.

Sold Only in Full Cartons

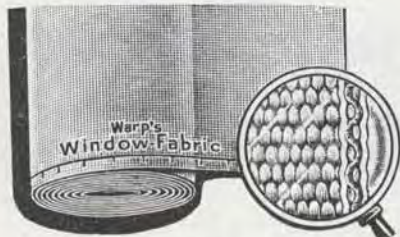
STAR ★ DENOTES BEST SELLER

WARP'S GLASS SUBSTITUTES

For poultry houses, hot and cold bed frames, storm doors and windows, sun porches, basement and attic windows.



WINDOW FABRIC



Plain waxed cloth. Admits sun's ultra-violet rays and holds in heat better than glass. Strong and durable—waterproof on one side. Easy to cut and apply.

Has 80 strong threads per square inch, impregnated with light, stable, high-melting point wax.

In rolls, with yard, foot and inch marked along selvage.

Width 36 inches

Per Roll		Yds. in Roll	Wt. lbs.	Per Yard
21-WF1-J	X30D00	100	42	\$0.45
21-WF2-J	X15D00★	50	22	.45

WYR-O-GLASS



Plastic glass covered wire base, very transparent with high ultra-violet ray transmission. Easy to cut and apply. Absolutely waterproof and unbreakable. Not affected by sun, rain, wind or snow—will not discolor or decompose.

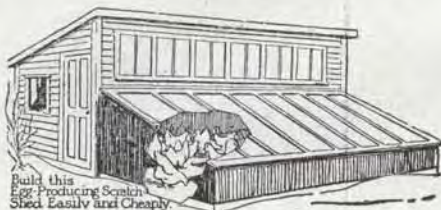
Tough galvanized 1/4 inch mesh wire base (drawn thin to admit more light). Plastic glass covered on both sides, sealing wires inside—everything fused into one solid sheet double thickness coating along both edges. In rolls, with feet and inches marked along selvage.

Width 28 inches

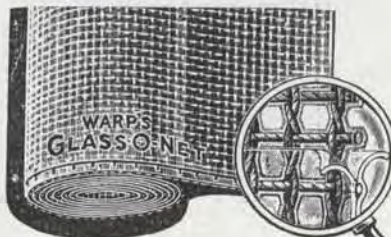
Per Roll		Yds. in Roll	Wt. lbs.	Per Yard
21-WOG1-J	X14D00	25	11	\$0.84
21-WOG2-J	X28D00★	50	21	.84

Width 36 inches

Per Roll		Yds. in Roll	Wt. lbs.	Per Yard
21-WOG4-J	X17D50	25	14	1.05
21-WOG5-J	X35D00★	50	28	1.05
21-WOG6-J	X70D00	100	56	1.05



GLASS-O-NET



Plastic glass covered netting, very transparent, with high ultra-violet ray transmission. Easy to cut and apply.

Waterproofed and extra strong. Not affected by sun, rain, wind or snow—can be washed with soap and water.

Made of extra strong 1/4-inch mesh cords dyed light fast green, with plastic glass—double-coated along reinforced edges.

In rolls, with feet and inches marked along selvage.

Width 36 inches

Per Roll		Yds. in Roll	Wt. lbs.	Per Yard
21-G25-J	X12D00	25	10	\$0.72
21-G50-J	X24D00★	50	18	.72
21-G100-J	X48D00	100	36	.72

COVERALL PLASTIC

WARPS

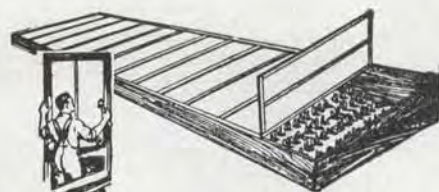


An all purpose plastic cover. Grease proof, transparent and waterproof. Flexible at 60° below zero. Easy to sew. Simple to heat seal. Will not crack or peel. Inexpensive and long lasting.

Clear

Width 9 Feet

Per Roll		Feet in Roll	Wt. lbs.	Per Roll
21-CP50-J	X3D10★	50	7	\$4.65
21-CP100-J	X6D00	100	12	9 00



DUR-O-PANE



Wire reinforced glass substitute. Open mesh galvanized screen cloth, mesh imbedded in a clear durable plastic. High ultra-violet ray transmission. Weather-proof and flexible. Tough and durable.

4x4 Mesh Wire

Per Roll		Yds. in Roll	Wt. lbs.	Per Sq. Ft.
21-4D3650-J	X26D00★	36	50	21 \$0.08 2/3

14x14 Mesh Wire

Per Roll		Feet Width, in.	Roll	Wt. lbs.	Per Sq. Ft.
21-D2850-J	X11D67	28	50	17	\$0.15
21-D28100-J	X23D33★	28	100	34	.15
21-D3625-J	X6D50	36	25	11 3/4	.15
21-D3650-J	X15D00	36	50	22	.15
21-D36100-J	X30D00★	36	100	42	.15
21-D4850-J	X20D00	48	50	31	.15

8x8 Mesh Wire

Per Roll		Feet Width, in.	Roll	Wt. lbs.	Per Sq. Ft.
21-DP2-J	X13D00	36	50	15	\$0.15
21-DP3-J	X26D00★	36	100	29	.15
21-DP5-J	X10D11	28	60	11	.15
21-DP6-J	X20D22★	28	100	21	.15
21-DP9-J	X34D67	48	100	39	.15

One roll in ctn.

STAR ★ DENOTES BEST SELLER

PLASTIC SHEETING

WARP'S COVERALL



Tough, polyethylene plastic film that remains pliable at 60 degrees below zero. Ideal for covering lumber, brick and stone at building sites, farm and truck tarps, ditch liners, greenhouse shade cloth, etc. Meets government and F. H. A. specifications. Sun-resistant black.

Per Roll		Fold Width, ft.	Wt., ins.	Per Ctn., lbs.	Per Lin. ft.
4 Mil Thickness—100 Ft. Rolls					
3-4C16½B-J	X19D32	16½	50	36	\$0.32
3-4C20B-J	X23D40	20	60	43	.39

6 Mil Thickness—100 Ft. Rolls					
3-6C6B-J	X10D53	6	36	21	.17½
3-6C14B-J	X25D47	14	42	45	.41
3-6C16½B-J	X28D98	16½	50	53	.48
3-6C20B-J	X35D10	20	60	63	.58
3-6C40B-J	X75D54	40	60	122	1.61

One in ctn.

SILAGE COVERS

WARP'S COVERALL



Cat. No. - RC

Heavy gauge polyethylene plastic sheeting, not affected by silage acids. Stops spoilage. Re-usable. Economical. Sun-resistant black.

Per Ctn. (3)		Fits Silo Diam., ft.	Cover Diam., ft.	Wt., lbs.	Per Ctn., \$
3-RC12-J	X10D74	12	14	12	\$5.50

Three in ctn.

GLASS SUBSTITUTES

WARP'S FLEX-O-PANE



Semi-rigid, crystal-clear, durable material for shatterproof storm windows, storm doors, porch enclosures, etc. Allows transmission of ultra-violet and infra-red rays from sun. Cut with shears and tacked on like screening.

Per Roll		Ga. Mils.	Wdth. ins.	Wt. lbs.	Per Roll, Linear Foot
50 Yard Rolls					
3-5FP36-J	X26D00	5	36	15	\$0.26
3-5FP48-J	X35D00	5	48	21	.35
3-10FP36-J	X52D00	10	36	28	.52

One roll in ctn.

PRICES -- List Less D3C3 1/3%

A.P.C. CORN CRIB COVERS

Each	Each
⊗ CCC-J	\$26.95
⊗ CCR-J	20.95

A.P.C. SILO COVERS

Each	Each
⊗ SC12-J	\$5.80
⊗ SC14-J	7.00
⊗ SC16-J	8.40
⊗ SC18-J	9.85
⊗ SC20-J	12.90
⊗ SC22-J	18.50

A.P.C. PLASTIC TARPAULINS

Each	Each
⊗ PT69-J	\$4.39
⊗ PT72-J	6.72
⊗ PT82-J	7.32
⊗ PT84-J	8.52
⊗ PT96-J	9.96
⊗ PT22-J	20.95
⊗ PT23-J	29.95
⊗ PT24-J	39.95

A.P.C. PLASTIC HAY STACK COVERS

Each	Each
⊗ HSC12-J	\$7.40
⊗ HSC144-J	20.72
⊗ HSC147-J	36.26
⊗ HSC22-J	14.00
⊗ HSC23-J	22.20
⊗ HSC24-J	29.60
⊗ HSC25-J	37.00
⊗ HSC26-J	44.40
⊗ HSC27-J	51.80
⊗ HSC28-J	59.20

⊗ VisKlamp Fastener with rubber ball

.16

A.P.C. SLIP-COVER FOR
JOHN DEERE TRACTOR SEAT
CUSHIONS

Each	Each
⊗ JDC-J	\$3.95

A.P.C. HOG SHELTER

Each	Each
⊗ HS12-J	\$18.95
⊗ HS16-J	23.95
⊗ HS20-J	28.95

HOLIDAY PLASTIC
ICE SKATING RINK LINER

Each	Each
⊗ RL12-J	\$5.85
⊗ RL14-J	6.85
⊗ RL16-J	8.95
⊗ RL18-J	11.34
⊗ RL20-J	14.00

A.P.C. ROOM AIR CONDITIONER
COVER

Each	Each
⊗ ACC-J	\$2.50

A.P.C. CORN CRIB COVER

Made of 6-mil Black Polyethylene



NEW LOW-COST
METHOD TO STORE
AND DRY CORN.

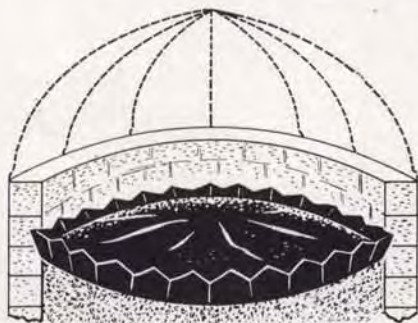
WEATHER PROOF—
ECONOMICAL—
WIND PROOF—
LIGHT WEIGHT

A.P.C. CORN CRIB COVER—the answer to your customers low-cost corn storage problems. Can be used with snow-fence, wire or slat cribs and at only a fraction of the cost of conventional cribs.

Metal ventilator permits circulation of fresh air and seals out the weather. Easily tied to sides of crib through the use of reinforced metal eyelets, spaced 12 inches apart.

No.	Wt. Lb.	Each
CCC APC Ventilating Crib Cover (20' dia. 6-mil black polyethylene) with reinforced metal eyelets and metal ventilator.	14	\$26.95
CC-R Replacement Cover. Same as above without ventilator.	12	20.95

A.P.C. SILO COVERS



- REDUCES SPOILAGE
- BETTER QUALITY FEED
- INEXPENSIVE
- SAVES TIME, MONEY

A.P.C. SILO COVER SEALS OUT AIR—STOPS SPOILAGE AND SAVES MONEY! With an A.P.C. SILO COVER your customers will be able to feed a better, more palatable, highly nutritious silage with less loss. These covers are made to fit all silos and have a generous overlap for extra protection against the elements.

Made from 4-mil black polyethylene.

No.	Dia. Silo	Wt. Lb.	Each
SC-12	12 ft.	4	\$ 5.80
SC-14	14 ft.	5 1/4	7.00
SC-16	16 ft.	6 1/2	8.40
SC-18	18 ft.	8	9.85
SC-20	20 ft.	10	12.90
SC-22	22 ft.	11 1/2	18.50

Packed six per carton

Agricultural Plastics Company

612 Corning, Des Moines, Iowa

Terms: 2% Ten days—Net 30
Freight prepaid \$200.00

A.P.C. PLASTIC TARPAULINS

(Not illustrated)

A NEW PRACTICAL, LOW-COST COVER TO SAVE TIME, MONEY AND WORK FOR DOZENS OF JOBS AROUND THE FARM. ENDS HEAVY TARP TUGGING WHEN COVERING FARM WAGONS, MACHINERY, CORN CRIBS, HAY STACKS AND MANY OTHER COVERING JOBS. FOLDS COMPACTLY TOO!

MADE OF HEAVY 6-MIL BLACK POLYETHYLENE WITH REINFORCED METAL EYELETS SPACED EVERY 24 INCHES.

No.	Size	Wt. Lb.	Each
PT-69	6' x 9'	1 1/2	\$ 4.39
PT-72	7' x 12'	2 1/2	6.72
PT-82	8' x 12'	3	7.32
PT-84	8' x 14'	3 1/4	8.52
PT-96	9' x 16'	4	9.96
PT-22	20' x 20'	13 1/4	20.95
PT-23	20' x 30'	19 1/2	29.95
PT-24	20' x 40'	26	39.95

A.P.C. PLASTIC HAY STACK COVERS

(Not illustrated)

MADE OF HEAVY, DURABLE, 6-MIL BLACK POLYETHYLENE. AN INEXPENSIVE METHOD OF PROTECTING BALED HAY AND OTHER TYPES OF FEED FROM THE WEATHER.

No.	Size	Wt. Lb.	Each
HSC-12	10' x 20'	6	\$ 7.40
HSC-144	14' x 40'	16	20.72
HSC-147	14' x 70'	29	36.26
HSC-22	20' x 20'	13	14.00
HSC-23	20' x 30'	19	22.20
HSC-24	20' x 40'	25	29.60
HSC-25	20' x 50'	30	37.00
HSC-26	20' x 60'	38	44.40
HSC-27	20' x 70'	41	51.80
HSC-28	20' x 80'	50	59.20

VisKlamp fastener with rubber ball .16

A.P.C. Slip-Over Cover For John Deere Tractor Seat Cushions



RENEWES OLD WORN CUSHIONS IN A JIFFY. SLIP COVER OVER OLD CUSHION AND DRAW STRING TIGHT.

- WATER PROOF
- LOW COST
- LONG WEARING
- MILDEW PROOF

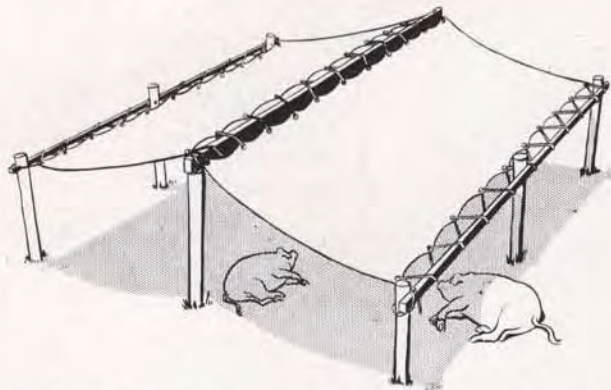
MADE FROM THE FINEST ELASTIC BACKED VINYL PLASTIC IN ATTRACTIVE GREEN COLOR.

Fits John Deere Models A, B, G. 50, 60, 70, 80, R. Also fits John Deere self-propelled combines with upholstered seat.

No.	Wt. Lb.	Each
JDC	16 oz.	\$ 3.95

Packed 6 per carton

A.P.C. HOG SHELTER



MADE FROM EXTRA HEAVY DUTY 12-MIL BLACK POLYETHYLENE, WITH REINFORCED METAL EYELETS SPACED EVERY 18 INCHES.

- LOW-COST
- ADEQUATE SHADE
- GOOD AIR CIRCULATION
- EASY TO INSTALL
- STRONG—TOUGH

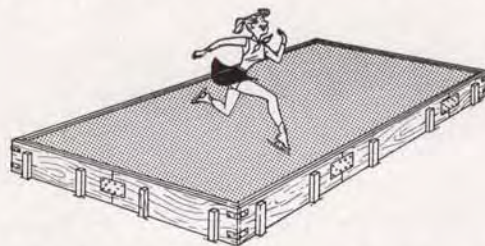
YOUR CUSTOMER CAN IMPROVE HIS GOOD MANAGEMENT PRACTICES AND BUILD HIS PROFITS THROUGH FASTER GAIN WITH AN A.P.C. HOG SHELTER.

COVER IS FABRICATED IN TWO SEPARATE SECTIONS, EACH SECTION IS 6' WIDE WITH OPTIONAL LENGTHS OF EITHER 12' 16' or 20'—CONSTRUCT SIMPLE FRAME USING EITHER WOOD OR PIPE STRINGERS FASTENED TO FENCE POSTS. FASTEN EYELETED EDGES OF COVER TO STRINGERS.

No.	Standard Width	Available Lengths	Wt.	Each
HS-12	12'	x 12'	8	\$18.95
HS-16	12'	x 16'	11	23.95
HS-20	12'	x 20'	14	28.95

* Framing material not included in price

HOLIDAY PLASTIC ICE SKATING RINK LINER



... FOR HOME OR PUBLIC ICE SKATING RINKS

The Holiday Plastic Ice Skating Rink Liner made from seamless one-piece 4-mil black polyethylene is:

- PUNCTURE RESISTANT
- WILL NOT RUN, SHATTER OR TEAR
- WILL NOT CRACK AT 70 BELOW ZERO
- EASILY REPAIRED

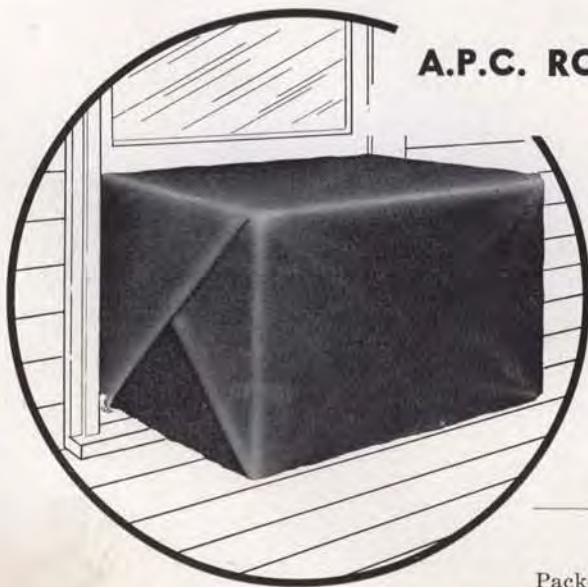
Your customer can build his own rink in a jiffy, at an amazingly low-cost with a HOLIDAY LINER. No special tools required. All that is needed is enough new or used lumber to build a frame 3" to 4" in height to hold the liner.

PROFESSIONALLY APPROVED SIZES

No.	Width	Length	Wt. Lb.	Each
RL-12	12'	x 12'	2	\$ 5.85
RL-14	14'	x 14'	4	6.85
RL-16	16'	x 16'	5	8.95
RL-18	18'	x 18'	6	11.34
RL-20	20'	x 20'	8	14.00

* Prices do not include framing material

* Information and prices on large public size rinks furnished upon request.



A.P.C. ROOM AIR CONDITIONER COVER

A REVOLUTIONARY AIR CONDITIONER COVER, DESIGNED FOR LOW-COST EFFICIENCY TO FIT ANY WINDOW UNIT.

LONG WEARING, WEATHER RESISTANT POLYETHYLENE PLASTIC THAT SEALS OUT THE WEATHER AND SEALS IN THE HEAT.

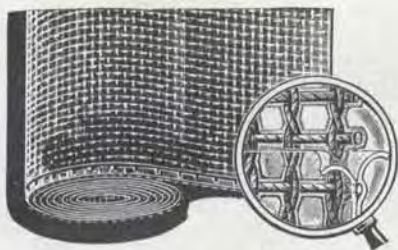
No.	Wt. Oz.	Each
ACC	16	\$ 2.50

Packed 1 doz. per carton

GLASS SUBSTITUTES

For poultry houses, hot and cold bed frames, storm doors and windows, sun porches, basement and attic windows.

PLASTIGLASS



The new plastic window material for poultry and brooder house windows. Storm doors and windows, hot beds, cold frames and porch enclosures.

Transparent tough sheets laminated over clear plastic cords. Rugged all-plastic mesh reinforcing. Waterproof. Will not crack or shatter. Always stays taut and will last for years. Simple to install.

Supplies Sunshine Supplement D

Width 36 inches

Per Roll	Yds. in Roll	Wt. lbs.	Per Sq. Foot
21-P50-J X31D00	50	15	\$0.93

WARPS NEW FLEX-O-GLASS

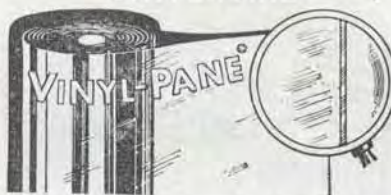


Tough, durable transparent flexible, all-plastic material. Makes shatterproof storm windows, doors, porch enclosures, poultry house windows, etc. Can also be used for chair, furniture and auto seat covers, wall protectors behind sinks and stoves, shower curtains, garment bags and appliance covers, etc. Can be heat-sealed with a medium hot iron and easily sewed. Fine for use in storing foods, meats and vegetables in frozen food lockers, refrigerators, etc.

Per Roll	Width, in.	Yds. in Roll	Wt. lbs.	Per Sq. Foot
21-NFG2825-J X11D00	28	25	7	\$0.70
21-NFG2850-J X22D00	28	50	12	.70
21-NFG3625-J X13D00	36	25	7	.80
21-NFG3650-J X26D00	36	50	12	.80
21-NFG36100-J X52D00	36	100	23	.80
21-NFG4825-J X17D50	48	25	11	1.05
21-NFG4850-J X35D00	48	50	20	1.05

One roll in shipping ctn.

VINYL-PANE



Heavy gauge, clear plastic. Will not crack or peel and is shatterproof.

Per Roll	Yds. in Roll	Width, in.	Wt. lbs.	Per Sq. Foot
21-VP25-J X9D84	25	36	9	\$0.59
21-VP50-J X19D67	50	36	15	.59

One roll in ctn.

WARPS WINDOW MATERIAL DEALS



Merchandiser sturdily constructed of steel tubing and bolted together. Handy cutting table with simple and accurate measuring device attached, can be folded away. Requires only 21x40 inches floor space and will hold seven rolls. Nicely finished in yellow and blue.

For fast efficient dispensing of all rolls, direct from stand. Saves time and prevents waste.

Consists of:

No. Rolls	Item	Width, in.	Size Rolls
1	New Flex-O-Glass	36	50 yards
1	Wyr-O-Glass	36	50 yards
1	Glass-O-Net	36	50 yards
1	Plastiglass	36	25 yards
1	Screenglass	36	25 feet

Five Rolls and Merchandiser Measuring Device Not Included

Per Deal	Item	Per Deal
21-WM500-J X117D00		\$163.50

One deal in ctn.

Sold Only in Full Deals

MEASURING DEVICES

MARVEL

For Nos. WM5, M4D, WM500 and WM400 Deals

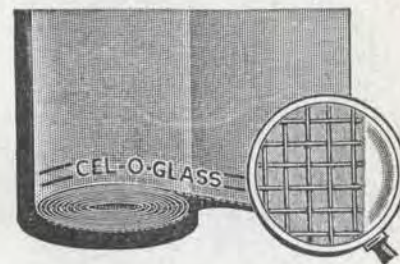
With bracket for easy attachment Measure in feet and inches.

Each
MARVEL-J X9D95

One in a ctn. Wt. ctn. 2 1/4 lbs.

Freight Equalized with Nearest Jobber

DUPONT CEL-O-GLASS



A flexible, highly translucent, lightweight glass substitute that is extremely easy to handle and can be cut with ordinary shears and applied with hammer and staples.

It is durable, weatherproof and heat-resisting. Will not warp, crack or tear and will not break like ordinary glass.

Finest quality bright galvanized 14 mesh screen wire cloth covered with a transparent tough flexible substance that permits passage of ultra-violet rays.

Per Roll	Width, in.	Yds. in Roll	Wt. lbs.	Per Sq. Foot
21-AP6-J X28D00	100	28	36	\$0.18
21-AP52A-J X48D00	100	48	60	.18
21-AP9-J X36D00	100	36	46	.18
21-AP55A-J X24D00	50	48	30	.18
21-AP8-J X18D00	50	36	23	.18
21-AP5-J X14D00	50	28	19	.18

Freight Equalized with Nearest Jobber

Sold Only in Full Rolls

SCRIM GLASS

For Storm Doors and Windows

And whenever you would use ordinary glass.

A strong white cotton cord base laminated between two sheets of crystal clear top grade cellulose acetate sheet. Highly transparent.

Per Roll	Width, in.	Yds. in Roll	Wt. lbs.	Per Sq. Foot
21-WS50-J X15D00	50	14	14	\$0.45
21-WS100-J X30D00	100	28	28	.45

Items marked ✕ not carried in stock Can only be furnished by shipping direct from factory, F. O. B., Chicago, Ill., with carrying charges prepaid

STORM COVERS**WARPS****Door**

Heavy double layer weatherproof kraft material with transparent window securely fastened in.

One sheet 36x84 inches with 12x12 inch window. Seven fiber moulding strips and 35 small nails.

Complete Outfit

Each ▲ Each
61-KC12-J D6C5½ ★..... \$0.97

Twelve in ctn. Wt. ctn. 21 lbs.

Sold Only in Full Cartons

**Consists of:**

- 1 plastic sheet 36x72 inches
- 18 feet fibre moulding.
- 1 package nails (about 35).

Complete Kit

Per Ctn. ▲ Per Kit
 (36 Kits)
61-EZ/36-J X9D36 ★..... \$0.39

One kit in box, thirty-six kits in ctn.

Wt. ctn. 18 lbs.

Sold Only in Full Cartons

STORM WINDOW KITS**TAPE-ON**

Enough material for 5x5 foot picture window and two standard windows or four residence windows.

Contains:

- 1 Plastic sheet 5x10 feet.
- 60 Feet of special double faced tape.

Complete Kit

Per Ctn. ▲ Per Kit
 (6 Kits)
61-TC6-J X9D96..... \$2.40

Six kits in box. Wt. box 7 lbs.

Sold Only in Full Cartons

**Jiffy-Pane**

Just tape on.

Consists of:

- 1 Plastic sheet 36x72 inches.
- 180 inches of special tape, ¾ inch wide.

Complete Kit

Per Ctn. ▲ Per Kit
 (12 kits)
61-JP12-J X7D84 ★..... \$0.9

One kit in box, twelve kits in ctn.

Wt. ctn. 8 lbs.

Sold Only in Full Cartons

STAR ★ DENOTES BEST SELLER

STORM WINDOW KITS

WARPS



Poly-Pane

Two full size storm windows in kit. Includes two 72x36 inch plastic sheets, 30 feet fibre moulding and two packages of nails.

Complete Kit

Per Ctn.
(24 Kits)

Per Kit

61-2P24-J X7D20.....\$0.45

One kit in box, 24 kits in ctn. Wt. ctn. 13 lbs.

WEATHER STRIPS

STANDARD PRODUCTS



Draftite

Wool pile fabric rubber-backed into aluminum strips. Won't rust or corrode. Keeps its shape.

17 Foot Length In Package

(Enough for one standard size door)

(4738)

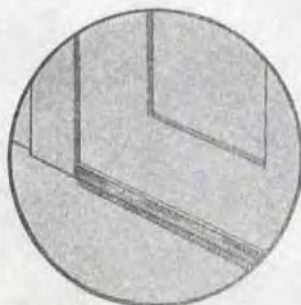
Per Pkg.

Per Pkg.

K2917H X1D32.....\$1.98

KK2917H X1D19—(Case lots 12 pkgs.)

Wt. ctn. 7½ lbs.



Door Bottoms

36 Inch Length In Package

Per Box (12)

Each

K2919H X4D92.....\$0.69

Twelve in box. Wt. box 2½ lbs.

DOOR STRIPS

MORTELL



Foamflex

Consists of cushioning foam material, permanently bonded to leading edge of ¼x¾ inch clear beveled wood moulding strips.

Install with ordinary saw and hammer. Can be moulded to warped and uneven surfaces. Absorbs shock and noise. Stays flexible to 50 degrees below zero. Does not absorb moisture. Will not freeze and can be painted over without hardening.

Self contained package—easy to sell from.

Twelve unit self display carton. Two 7 foot lengths, one 3 foot length in unit.

Per Display
(12 units)

Per Unit

6-F1-H X18D32.....\$2.29

One display in ctn. Wt. ctn. 9 lbs.

WEATHER STRIPPING

SHUFORDS



100% virgin vinyl. Easily applied to wood or metal. Hammer and scissors only tools needed. Effectively seals out weather, dirt, noise and bugs.

Can be used to seal cracks, seams around sinks, floor molding, window air conditioners etc.

Low temperature flexibility as measured by Clash and Berg method, is minus 38° C. No pasting needed, but can be painted if desired without adversely affecting flexibility.

18-Foot Rolls

(18W)

Each	Color	Each
K2918H D6C7.....	White	\$1.00

Lots of 12 D6C0

Twelve in display box, 144 in ctn.

Wt. ctn. 72 lbs.

18-Foot Rolls

Twelve assorted—4 each.

White, gray, oak, brown.

(18G)

Each	Each
K2984H D6C7.....	\$1.00

KK2984H D6C7—(Case lots 12)

Twelve in box, 144 in ctn.

Wt. ctn. 72 lbs.

WEATHER STRIPPING

SHUFORD'S



Garage or Outer Door

100% virgin vinyl resistant to moisture and temperature changes. Will not crack or peel. Width is ¾ in., equal to thickness of most garage and outer doors. Can be installed on metal or plastic doors by using ¾ in. x 12 sheet metal screws with pan head.

9 Feet in Kit

Twelve assorted kits—6 white, 3 gray, 3 brown.

Per Asst.

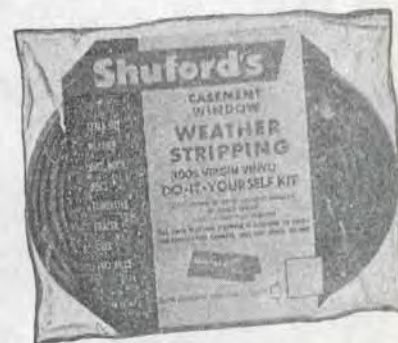
(12 Kits)

Per Kit

6-G9A-H X10D80.....\$1.49

Twelve kits in box, 144 kits in ctn.

Wt. ctn. 144 lbs.



Casement Window

100% virgin vinyl, resistant to moisture and temperature changes. Will not crack or peel. Easily installed on frame with adhesive supplied in package.

Color—Gray

Length 18 Feet

(CW18)

Each	Each
K2985H D8C6.....	\$1.29

KK2985H D7C7—(Case lots 12)

Twelve in display box, 144 in ctn.

Wt. ctn. 78 lbs.

WEATHER STRIPS

ZIP STRIP



Adhesive Backing

Waterproof and vermin-proof. Can be painted over, stained or varnished.

Waterproof formula consists of all natural adhesive ingredients and is pressure sensitive.

Highly plasticized, water repellent backing material. Top grade felt. Neutral colored ripplecraft, 30 lb. craft, 2% wet strength.

Contains twenty-four 18 ft. rolls in a display carton. Size $6\frac{3}{4} \times 9\frac{1}{4} \times 13$ inches.

Per Roll (DC1) ▲ Per Roll
K2922H D5C5..... \$0.75
6-K2922H D5C0—(Case lots 24 rolls)

Twenty-four rolls in ctn. Wt. ctn. $7\frac{1}{2}$ lbs.

BRIDGEPORT



Inner Seal

Sponge rubber head with braided tacking lap, interwoven with aluminum wire. Thick neoprene rubber coated. Size $\frac{3}{8} \times \frac{3}{8} \times \frac{1}{8}$ inches.

Per Reel	Feet in Ctn.	Wt. in lbs.	Reels in Ctn.	Per Ft.
6-1S5-H X30D00	500	22	1	\$0.10
6-1S1-H X6D67	100	13	3	.10

Sold Only in Full Cartons



A self-seller. For the top and both sides of the largest standard door. Exclusive patented inner seal construction is weatherproof (solid coating of neoprene resists extreme cold and heat, grease, oil and abrasion).

Live sponge rubber and spring wire skeleton makes it adjustable for snugest fit.

Queen B Pak measures $7\frac{1}{4}$ inches high and $6\frac{7}{8}$ inches in diameter at base.

Per Coil ▲ Per Coil
K2923H X1D19★..... \$1.89
6-K2923H X1D13★—(Case lots 12 coils)

Twelve coils in ctn. Wt. ctn. $9\frac{3}{4}$ lbs.

WEATHER STRIPS

Ridged spring bronze with edges hemmed to prevent splitting. Holes punched for easy installation.

Packed in round transparent plastic display box complete with copper plated nails.

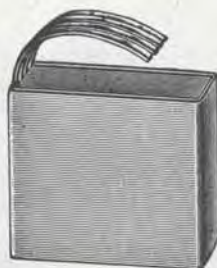


$1\frac{1}{4}$ inches x 17 feet

(B17)

Each
K2915H D9C6..... \$1.39
6-K2915H D9C1—(Case lots 12)

Twelve in ctn. Wt. ctn. 11 lbs.



In 100 ft. Coils

Per Coil	Width, ins.	Wt. Coil, lbs.	Per Coil
	(H1)		
K2897H X3D75	1	4	\$5.25
KK2897H X3D50—(Case lots 10 coils)			
	(H1 $\frac{1}{8}$)		
K2898H X4D20	$1\frac{1}{8}$	$4\frac{1}{2}$	6.00
KK2898H X4D00—(Case lots 10 coils)			
	(H1 $\frac{1}{4}$)		
K2899H X4D50★	$1\frac{1}{4}$	5	6.69
KK2899H X4D25★—(Case lots 10 coils)			

One coil in ctn.

We Do Not Break Cartons

BRIDGEPORT

Queen B Pak

WEATHER STRIPS



Made of a high grade insulating material covered with a special synthetic coated fabric, with 4-ply sanitary tacking lap, double-stitched. Maroon finish. Furnished complete with tacks.

Size $\frac{3}{8} \times \frac{3}{8} \times \frac{3}{4}$ inch

Reel of 500 Feet

Per Reel
6-HC5-H X12D60..... \$0.05

Wt. reel 20 lbs.



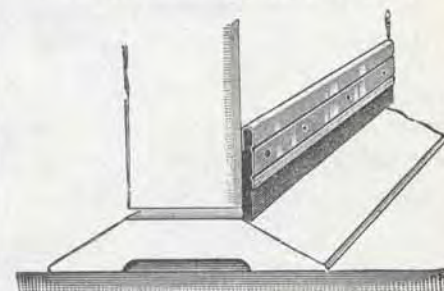
Tac-It-On

For windows and doors. Felt with serrated zinc edge. Complete with nails.

Width $\frac{5}{8}$ inch. In 18 foot Rolls (T18)

Each
K2908H D6C3..... \$1.00
6-K2908H D6C0—(Case lots 12)

Twelve rolls in ctn. Wt. ctn. 11 lbs.



Door bottom strip with slotted holes for ease of application and adjustment on bottom of door. Medium weight black felt. Width over all $1\frac{1}{4}$ inches.

Zinc and Felt

Without Screws

Per Box	Lgth., ins.	Box, lbs.	Each
6-Z32-H X2D25	32	4	\$0.35
6-Z36-H X2D53★	36	$4\frac{1}{2}$	.45

Twelve in box

Sold Only in Full Boxes

Brass and Felt

With Screws

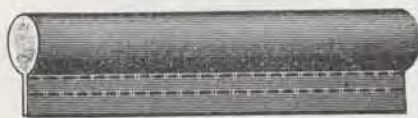
FROST KING

Per Box	Lgth., ins.	Box, lbs.	Each
61-MB50/32-H X3D30	32	3	\$0.55
61-MB50/36-H X3D60	36	$3\frac{1}{4}$	.60

Twelve in box

Sold Only in Full Boxes

WEATHER STRIPS



Made of special synthetic coated sheeting with 2-ply sanitary tacking lap, double-stitched. Cotton yarn center. Maroon color. Easily applied. Complete with tacks.

Size $5/16 \times 3/8 \times 1 1/16$ inch

Reel of 500 Feet

Per Reel Per Foot

6-507R-H X9D15..... \$0.04

Wt. reel 10 lbs.

THERM KING



A weatherproof, flameproof and germproof strip that keeps out cold, snow, rain, wind and dust. Easily applied.

All Cattle Hair Felt with Cotton Foundation

Heavy duty, $3/4$ inch wide, 25 feet long.

(R85)

Per Pkg. Each

K2916H X2D80..... \$0.35

6-K2916H X2D65—(Case lots 12 pkgs.)

Twelve strips in pkg., twelve pkgs. in ctn.

Wt. ctn. 5 lbs.

Blended Hair Felt, Sized

$3/4$ inch wide by 17 feet long.

(TW2)

Per Pkg. Each

K2909H X1D45..... \$0.25

6-K2909H X1D38★—(Case lots 3 pkgs.)

Twelve strips in pkg., three pkgs. in ctn.

Wt. ctn. $2 3/4$ lbs.



Made entirely of gray cotton felt. Will stop draughts around doors, windows and floors. Easily applied. $3/8$ inch thick, width $3/4$ inch.

Each	Lgth., ft.	No. in ship.	Wt. ctn. lbs.	Each
6-15W-H	D0C8	15	36	1 \$0.20

Sold Only in Full Cases

WEATHERSTRIP COUNTER DISPLAY ASSORTMENT

DUTCH BRAND



Rub'R-Shim

A special sponge rubber that may be compressed to less than normal thickness. Simply remove cloth and stick on.

Assortments contain 18 standard 10 ft. rolls pre-selected according to sales popularity. Display carton holds 10 rolls, additional 8 rolls are for refill reserve.

Quantity Rolls	No.	Thickness, in.	Width, in.	Per Roll
2	110	$5/8$	$1 1/2$	\$0.70
5	120	$3/16$	$1 1/2$	.90
5	124	$5/16$	$3/4$	1.15
3	130	$1/16$	$1 1/2$	1.10
3	134	$1/16$	$3/4$	1.35

Per Asst.

6-RRR-H X11D00

One asst. in ctn. Wt. ctn. 10 lbs.

OPEN STOCK

(110)

Per Roll	Wt. Ctn., lbs.	▲ Per Roll
K2972H D5C0	$2 1/2$	\$0.75

KK2972H D4C8—(Case lots 12 rolls)

(120)

K2974H D6C0 $4 1/2$.95

KK2974H D5C8—(Case lots 12 rolls)

(124)

K2975H D8C2 $5 3/4$ 1.20

KK2975H D7C8—(Case lots 12 rolls)

(130)

K2976H D7C6 $5 1/4$ 1.15

KK2976H D7C3—(Case lots 12 rolls)

(134)

K2978H D9C3 $7 1/2$ 1.40

KK2978H D8C9—(Case lots 12 rolls)

Twelve rolls in ctn.

STAR ★ DENOTES BEST SELLER

UTILITY TAPE AND WEATHER STRIPS

MORTITE

A pliable, plastic tape approximately $1/4$ inch diameter, for plugging holes around screens, windows, casements, bathtubs, sinks, drain boards, etc. Also for permanently glazing wood or metal sash. **About 80 Feet in a Roll**



Each (B2) ▲ Each

K2903H D8C4..... \$1.25

6-K2903H D8C0—(Case lots 12 rolls)

One roll in box, twelve rolls in ctn.

Wt. ctn. 30 lbs.

Economy Carton

Attractive display carton contains four 16 foot strips individually boxed.



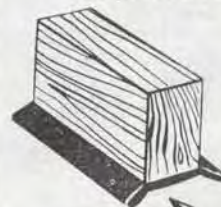
Per Ctn. (M1) Per Ctn.

K2904H D6C6★..... \$0.98

6-K2904H D6C3★—(Case lots 12 ctns.)

Twelve ctns. in case. Wt. case 24 lbs.

GARAGE DOOR WEATHER STRIP



STAN STRIP

Weatherstrip for the bottom of overhead type garage doors.

Seals in heat. Live, long lasting rubber compound that acts as a shock absorber.

Packed in counter display box. Nails for installing in individual display box.

For the bottom of overhead-type garage doors

Each	(A4838)	Wt. Length, ft.	No. Ctn., lbs.	in Ctn.	▲ Each
K2939H X1D83	8	15 3/4	6		\$2.75
KK2939H X1D65	—(Case lots 6)				
	(A4839)	9	17 1/4	6	2.95
K2940H X1D97	9	17 1/4	6		
KK2940H X1D77	—(Case lots 6)				
	(A4846)	16	14 3/4	3	5.50
K3062H X3D67	16	14 3/4	3		
KK3062H X3D30	—(Case lots 3)				

WIRE

**Favorite Spool Assortment**

Wire for every purpose.

Contains 48 one ounce spools as follows:

Quantity	No.	Gauge	Feet in Spool	Kind	Retail Per Spool
12	28G	28	88	Galv. Annealed	\$0.25
12	28B	28	88	Black Annealed	.20
12	32G	32	143	Galv. Annealed	.25
2	20C	20	20	Soft Copper	.30
2	22C	22	32	Soft Copper	.35
2	24C	24	51	Soft Copper	.35
2	20B	20	20	Soft Brass	.35
2	22B	22	32	Soft Brass	.35
2	24B	24	51	Soft Brass	.35

(48S)

Per Asst.

L1587J X7D38★

One asst. in attractive display box. Twelve assts. to ctn.

Wt. ctn. 32 lbs.

OPEN STOCK

One Ounce Spools

Per Box (12 Spools)		Gauge	Feet in Spool	Kind	▲ Per Spool
L1561J X1D77	(28G)	28	88	Galv. Annealed	\$0.25
L1562J X1D95	(32G)	32	143	Galv. Annealed	.30
L1563J X2D16★	(20C)	20	20	Copper	.30
L1564J X2D16★	(22C)	22	32	Copper	.35
L1565J X2D16★	(24C)	24	51	Copper	.35
L1571J X2D52	(20B)	20	20	Brass	.35
L1572J X2D52	(22B)	22	32	Brass	.35
L1577J X2D52	(24B)	24	51	Brass	.35

Twelve spools in box. Twenty-four boxes in ctn.

Wt. ctn. 21 lbs.

Sold Only in Full Boxes**Coil Assortment**

Every Purpose

Contains 6 each coils of soft galvanized and copper wire as follows:

Soft Copper

	Gauge	Feet in Coil	Retail Per Coil
214C.....	14.....	5.....	\$0.15
216C.....	16.....	10.....	.15
218C.....	18.....	15.....	.15
220C.....	20.....	20.....	.15

Soft Galvanized

114G.....	14.....	7.....	.10
116G.....	16.....	10.....	.10
118G.....	18.....	15.....	.10
220G.....	20.....	20.....	.10

(48C)

Per Asst.

L1589J X3D89★

One asst. in attractive display box. Twelve assts. in ctn.

Wt. ctn. 60 lbs.

BAILING WIRE**American Steel & Wire**

For all Minneapolis Moline Balers, also International Harvester and New Holland Machine Co. after 11/1/52, also J. I. Case No. 14N and 160W.

14½ Gauge Annealed

Furnished in continuous length rewound coils, approximately 100 lbs. each. Coils are oiled and packed one to fibre carton. Coil size outside diameter 13¼ in. plus or minus ¼ in. Inside diameter 8½ plus ¼ in., minus 0 inch.

Approximate length of wire per coil 6,500 feet.

Per Ctn.

11-6500-JX N-X10D76.....\$16.15

Per Ctn.

Wt. ctn. 100 lbs.